Data Algorithm for Artificial Intelligence applying English and Spanish semiotics for management towards computer programming.

BY

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Abstract

The objective of this research is to characterize artificial intelligence, through the use of algorithms to apply it in educational establishments that want to avoid the effects of organized and non-organized crime in Ecuador. Teachers have been the most affected, since criminals take advantage of the hours of entry and exit of educational personnel to intimidate. Teachers have had their belongings taken away a few meters from the schools where they work. A survey was carried out on 10 teachers, 20 parents and 30 students to find out the association capacity that exists between the reality of what happens in educational institutions and mental coding. A total of 60 people between the educational community of the University of Guayaquil and the José Alfredo Llerena Educational Unit, Los Ríos Province Fiscal Educational Unit. If Ecuador is one of the countries that has signed a Safe Schools declaration, it cannot remain in a project of that denomination. My Safe School has two pillars: risks of natural origin such as natural disasters, floods and of human origin with two large groups: the one that addresses physical security issues such as robberies, traffic, micro-trafficking, drug trafficking. The latter is the one that currently causes a great impact. Subscribe to DeepL Pro to edit this document. Visit www.DeepL.com/pro for more information.

Keywords: administrative management- artificial intelligence- mechanism- risks

INTRODUCTION

Drug trafficking is perhaps the most terrible example of the aforementioned economic globalisation, but with specific regional impacts and special geopolitical connotations in Andean America. In this internationalisation, it is important to differentiate between the formal economy, whose flows run through legally established circuits, and the informal economy, which sometimes runs parallel to these (the underground economy). The latter, which is growing exponentially, includes activities linked to drug trafficking. (Armas Egüez, 2018)

Confidential communication to protect the self-esteem of teaching, administrative, and service staff in secondary and higher education institutions merits the protection of medical or vulnerability data that can be handled with artificial intelligence, in order to protect the privacy of parents, teachers, students, and administrative and service staff and to protect their privacy.

The aim of this research is to make the educational facts transparent in the light of the directive and its management through a bibliographic analysis in order to develop strategies against the risks that exist in Ecuador. To this end, a digital newspaper survey has been carried out from 2016 to 2023 on the main risks faced by the educational society and which generate risks, which must be controlled with artificial intelligence codes. On the other hand, there are some teachers who are in conflict with their partners, in cases of divorce, or there are many children who have problems for the same reason. The case of teachers with breast cancer, teachers with prostate problems, or spouses in coma, whose information cannot be generalised, but must be handled with alphanumeric

codes so that only DECE staff, inspectors, deans, deans, sub-deans, know the codes that merit special treatment, as well as the colour of the letters that are handled in this confidential information. The general objective is to measure the effect of bournout on the lack of codes of confidential information through surveys of the educational community in order to protect the right to privacy of the human person. (Puig & Fernández Biarge , 2020)

Theoretical Framework
Background

(Salvat, 2020) makes a study on computers or what in Ecuador are called computers. According to this author, Manuel Salvat, the massive use of electronic computers has led to changes in work style. Traditional jobs have been endangered, but it is also true that there is a new generation that uses computers, but they have flaws in the content of what they use.

The use of computers is selective and is massively used in administrative tasks including those in the field of education. (Ortiz Torres, 2019) of the National Pedagogical University of Colombia in which he states that:

> Colombia is considered one of the most influential drug trafficking countries in the world, with four of the most significant drug trafficking cartels in the context of Colombia; micro- and macro-economy and conflict development. The indigenous cultures of South America have implemented coca leaves as part of their culture. However, the country; economy has declined in all areas of production, so that the use and sale of psychoactive substances during the 1960s and 1970s increased Colombia; macro-economy by a large percentage.

The Andean countries face serious problems derived from drug trafficking (corruption socio-political deterioration, violence, etc.). However, as far as the purely; commercial; aspect of this business is concerned, the problem lies with the European countries and, more than any other, with the USA. About 30-35% of the traffic in psychotropic substances is diverted to Europe. The preferences of the European market are somewhat different from those of the US, although they tend to match. Europe is more heroin addicted (1.5-2 million addicts in the EEC alone), the US more cocaine addicted; marijuana and hashish are widespread in both; certain more modern and dangerous drugs, such as semi-processed cocaine (crack) or crystallised methamphetamine (ice), are for the moment mostly consumed in the US market. However, cocaine is increasingly gaining in relative importance in both markets.

Drug trafficking, an activity that involves high doses of money and risk, has become the big business of the last decade because the number of people in need of the former and willing to take the latter has increased. Not only miserable peasants, with little to lose, unaware of the final destination of their production or indifferent to the fact that it must be others who decide whether or not to consume.

Theoretical basis
Physical safety of children and young people

(El Universo, 2023) Indices of insecurity, an analysis of the country; insecurity indices based on crime reports, was one of the aspects taken into account in the Ministry of Education; prioritisation of more than 200 institutions nationwide in order to protect the safety of students.

Ecuador is one of the countries that has signed a Safe Schools declaration. My Safe School has two pillars: risks of natural origin such as natural disasters, floods... and of human origin with two large groups: one that addresses issues of physical security such as robbery, trafficking, micro-trafficking, drug trafficking. (Jácome, 2023) (Jácome, 2023), the chronicler reported in his interview with Ecuador; current Minister of Education. This is where we have an articulated plan with the Ministry of the Interior and the National Police, and we have developed the national Safe Schools plan, which is part of my Safe School. On the other hand, we address the issues of sexual violence, harassment, child labour, drug use, and consumption. (El Universo, 2023)

According to statistical data from the National Police, 174 incidents of robbery have occurred within 200 metres of educational units, of which 104 occurred in the Machala district, 32 in the Pasaje district, 23 in the Santa Rosa district, 12 in the Huaquillas district, 2 in the Piñas district and 1 in the Zaruma district. (Opinión Newspaper, 2022) Security can be understood in many different ways: freedom from danger, war, elimination of crime, shelter, tranquillity, well-being, etc., as Mario Pessoa states in his work Direitio da Seguranca Nacional; (The Right to National Security). The right to personal security stems from the Universal Declaration of Human Rights, article 3 of which states: Everyone has the right to life, liberty and security of person; article 1 of the American Declaration of the Rights and Duties of Man; Every human being has the right to life, liberty and security of person; article 7 of the American Convention on Human Rights: Everyone has the right to liberty and security of person;. (Pessoa; De Santo, 2020)

(El Tiempo newspaper, 2018) The alert in Fontibón was lit a few days ago, when the councilman Fernando López made a visit to two private schools in the sector, in addition to Los Andes, the Santa Ana. There, Diario El Tiempo found at least 40 complaints from parents who, to protect their children, have decided to put them on a transport route or go to pick them up in the family car, or on foot.

On-site classes have returned and with it the illusion of reuniting the educational community, both teachers and students. However, parents, faced with the criminal acts that the canton of Esmeraldas is experiencing, are opting to resume virtual classes, while others are demanding greater security outside educational establishments to avoid problems that could endanger the lives of their children. (La Hora Newspaper, 2021)

But his son; best friend was also robbed at the beginning of the school year. They took his briefcase with everything. The thieves gave him a notebook and a pencil so that he would not fall behind,

says the boy. (El Tiempo newspaper, 2018) It can be affirmed that citizen security is that objective social situation adequate for the free exercise of individual and collective rights, that is, it is related to the set of systems of protection of the life and property of the citizen, which depends on the social, political and institutional conditions that guarantee the adequate and normal performance of public institutions and State bodies, the functioning of society and peaceful coexistence. (Ricaurte, 2018)

In the fieldwork, in Colombia, Chile, Guatemala, and Ecuador, it is said that in order to defend the children, he stands every day at the school gates with a group of teachers at the entrance and exit times and that he has even taken photos of the thieves. They take turns on nearby street corners. They are gangs because one or two of them act as bellringers. They see what the boys are carrying (as well as mobile phones, tennis shoes, Ipods, briefcases, books, and anything else that can be sold) and warn two others who are further ahead and are on bicycles. Their radius of action is the two blocks around the school towards all the cardinal points, he says. (El Tiempo newspaper, 2018)

For example, the Unidad Educativa Fiscomisional María Auxiliadora decided last Thursday, 26 May, to change the departure time for high school students to 18:05, while the morning and afternoon timetables of the establishment remain the same. This decision is a result of the events in the city of Esmeraldas. (La Hora Newspaper, 2021). In this way, a regional effect of Buckele; algorithm can be glimpsed. Many gangs will seek to insert themselves in Latin America. Not only those fleeing Buckele, such as the Maras but also the Tren de Aragua, the hitmen who torment Ecuador, Peru, and Chile, including Bogotá, as terrorists.

> (CIDE, 2023)
> When the perception of insecurity and public space come together, they are confronted with a complex problem that can lead people to break their relationship with parks and centres of coexistence, that is, with the places they had traditionally defined as places for meeting and exchange, and withdraw into their homes and routine work, leaving aside the possibility of generating social cohesion and integration among people in the community.

In the face of insecurity, the records of those who provoke it are not yet subjected to artificial intelligence, but the traditional method of observation is followed, but very little that of criminal identification.

(Valdivia Zuñiga , Calderón Villaseñor , Villasano Jain , Navarro Guerrero; Vaca Barajas , 2023) wrote about the impact on the implementation of digital tools in administrative processes in companies in Ocatlán, Mexico, in the Jalisco area.

> The use of digital tools has had multiple benefits for organizations, among them administrative: processes are more standardised, and collaborator-customer satisfaction, in the case of workers they manage to be productive, and their operational efficiency increases, in the customer; perspective, being able to digitise

some of the organization; processes, contributes to their retention. (Valdivia Zuñiga , Calderón Villaseñor , Villasano Jain , Navarro Guerrero , & Vaca Barajas , 2023).

Undoubtedly, security is the aspiration of each and every Ecuadorian, and this security must be permanent in time and space. In conclusion, security entails strengthening the national security system that guarantees the full exercise of individual and collective rights, property, expression, and movement to protect the population, preserve the national heritage, maintain legal order and social peace as the best contribution to national productivity and to the guarantee of national security. of national interests (Ricaurte, 2018) (Opinion Newspaper, 2022)

The teachers have been the most affected, as the thugs take advantage of the times when teachers arrive and leave to intimidate them. Teachers have had their belongings taken from them just a few metres away from the schools where they work.

According to statistical data from the National Police, 174 incidents of robbery have occurred within 200 metres of educational units, of which 104 occurred in the Machala district, 32 in the Pasaje district, 23 in the Santa Rosa district, 12 in the Huaquillas district, 2 in the Piñas district and 1 in the Zaruma district. (Opinión Newspaper, 2022)

The database for algorithms and artificial intelligence

Alphanumeric codes have their own information. The arbitrariness of the sign allows these codes to be used by the administration of departments of any kind, not only in education. It is up to the management intelligence to measure the capacity of artificial intelligence to be implemented.

> Academically, the study of the relationship between technology and productivity has been widely analysed since the beginning of the 20th century, especially from the industrial or manufacturing point of view, however, an opportunity for analysis has been identified from the perspective of the service sector, and specifically in the retail distribution industry. (Valdivia Zuñiga , Calderón Villaseñor , Villasano Jain , Navarro Guerrero; Vaca Barajas , 2023)

The traits that define intelligent behaviour is a behaviourist approach to the question that simplifies its study, as it is easier to ask whether a machine can exhibit intelligent behaviour than to ask whether it can possess intelligence; those who deny the latter possibility can still admit that a machine can demonstrate intelligent behaviour. (Puig; Fernández Biarge, 2020) but who is the intelligent one is the one who programs the machine.

For (Puig & Fernández Biarge, 2020) Reflects that a machine does an activity or the same as a person, it will always need programming, and programming needs planning.

Given this reality, the codes used in this work are systems elaborated by intelligent people who can decipher them on the basis of a relationship of significance.

D baccalaureate: radio communication would be for gatekeepers communicating with directors or inspectors: we are dealing with a D baccalaureate (we are dealing with a /de/baccalaureate).

D dispenser at 90°: Drugs dispenser to your right or left (from dispenser at 90°).

D dispenser at 180°: Drugs dispenser behind you. **D GBS:** Drugs in general basic education

D non-existent: Drug non-existent

The alpha codes are formed by the first letter S for student and are always capitalised. Teachers with the letter T for teacher, the presence of drugs with the letter D for drugs. Possible kidnapping with K for kidnapping.

StudentHealth problem	Teacherhealth problem	Suspiciousstudent meeting	Possible abduction	Suspiciousvehicle
S health problem head	T health heartproblem	Suspicious meeting students in the north	Possible kidnappingInitial	Suspicious vehicle black
S health stomachproblem	T health problem renalpain	Suspicious meeting students in the south	Possible kidnapping Elemental	suspicious vehicle white
S health colicproblem	T health problem	Suspicious meeting students in the East	Possible kidnapping Basic Media	suspicious vehicle green
S health problem	T health problem	Suspicious meeting students in the West	Possible kidnapping Basic Upper	suspiciousvehicle red
S health problem	T health problem	Suspicious meeting students on the court	Possible kidnapping Bachillerato	suspicious vehicle orange

Imagine an educational institution where the protagonists have no antagonist or amanagement where no one wants their job and is behind the scenes talking about something you can't even imagine. Each of these elements are activated as threats. But there are threats not only to the management but to teachers and students, including parents. Realism tells the social conscience that this is not the case.

Code table

Vulnerable students	Vulnerable teachers	Presence of drugs
S. aut./ 15y attack	T p/s: (teacher health problem)	D s. EGB
S. epil.12 and attack	T v/m (teacher medical visit)	D Baccalaureate
S. drugs 13 and consumption	T/ backlog j.	D 90° dispenser
S. backlog	T/ backlog i.	D 180° dispenser
S. gender-based violence 14 y.	T/ p. vehicle	D EGB
S. asperger's 13 y. hypersensitivity	T/ problem on your shift	D non-existent

Other alphanumeric codes relate to strategic communication support for vulnerablestudents.

S. aut./ 15y attack - Student with autistic attack
S. epil.12 and seizure. - Student with **epileptic** seizure
S. drugs 13and consumption.- Student in possible **drug** use
S. backward. - Student in **arrears**
S. gender violence 14 and .- 14-year-old student in gender violence.
S. asperger 13 y. hypersensitivity.- 14-year-old student with

hypersensitivity attack. As for the teachers, the first letter of "t" for teacher is attributed to them, and the otheralpha codes are in Spanish. T v/m (teacher medical visit)

T/ delay j.= teacher justified delay
T/ arrears i.= teacher unjustified arrears
T/ p. vehicle = teacher problems with their vehicle
T/ problem on shift = teacher problems on shift (García Rodríguez & Pérez Sánchez, 2023) states that:

A model contains certain parameters that must be determined

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from the data. (GarciaRodriguez & Perez Sanchez, 2023)
Artificial intelligence has the advantages of:

Risk intervention before they occur Anomalous situations prior to the offence Reacting faster than the offender's intelligence Vehicle with tinted glass =V tinted glass
Man crossing street straight or 90°.

Entry into the police database to report by number plate whether the suspect vehicle is stolen. If stolen, all doors are locked and nobody leaves until the police arrive.

It is a complete monitoring of all educational institutions monitored by cameras. Dangerous movements leading to a crime:

Thefts of parts of teaching vehicles

Generate new artificial intelligence algorithms Natural issues (behaviours) vs. codes

Energy released by the offender to perform a behaviour vs. metaheuristic method Use methods to act faster.

Algorithm= method for describing steps or processes, then translating it into a system of abbreviations.

(Bajaña Endara , 2022) wrote about "Guayaquil's insecurity scenario leads schools to reinforce measures to avoid risks to students"; however communication algorithms have not improved. In a city like Guayaquil, where people cannot use weapons but crime, alphanumeric codes in two different languages is an alternative. The use of language combinations is an academic strategy, due to the level of education of criminals and their accomplices. The idea is that in internal communication, the interpretation of the message remains only between them while maintaining secrecy.

There are some elements that help to empower teachers to practice the algorithm as teachers or students:

Encapsulation of algorithms in health Hand tremor without Parkinson's Student with headache

Student with eyestrain Student without food Student with dizziness

Disabled student with problems at 90° N Passionate abduction
Family abduction Kidnapping for ransom
Artificial Administrative Neural Network

Society might ask: Is it humanly immoral not to use force against those who attack us with such force? For the reality expressed by (Bajaña Endara, 2022) is this:

Students are dismissed only when they are handed over to the family representative or when their parents authorise them to leave, and there are cameras that monitor their movements at the school gates, and the teachers are vigilant as "policemen" of the children's movements as they leave the school through the two open gates at certain times. (p. 2).

Within the propositional logic of security, it is not at all safe to hand over a child in the case of kidnapping, because the forcefulness with which organised crime in Ecuador perishes is a copy of that of Central America. For this reason, the authors contacted analysts in Central America to provide accurate information, and this is what they obtained:

Since 2010, the Guatemalan collaborated with the group's research on the security characteristics that could affect Ecuador. Froilán Paz carried out a study on social policy and juvenile delinquency in the Colonia Primero de Mayo in Honduras. Online, the author commented on three characteristics of delinquency in the colony that are very similar to those currently found in Ecuador: (Paz, 2010)

The gangs do not get along with each other and confront each other whenever one of the gangs is looking for trouble. The hours of robbery are at any time of the day, the delinquents have no timetable for robbery, any time is perfect for their misdeeds. The clothing of the delinquents ranges from the best to the worst, such as loose clothing, torn clothes, etc. In Honduras there is a lot of alcohol and drug consumption among minors and much more in the gangs, and the gangs themselves are the ones who sell and distribute the drugs.

> In the Colonia Primero de Mayo in the city of Comayagua with the Maras, MS 13, La ultra, and vatos locos; today this terrorist way of treating the population has been transferred to Ecuador because of the dollar. Dollarisation in a country that does not offer the security of the United States or Europe, in a country that has constitutionally opened its borders, has increased insecurity until they are closed. The distance between insecurity and the dollar is less than 10 kilometres, a distance that makes it possible to commit a crime on a Monday in Ecuador, take the dollars, and on the same day you are already in Peru or Colombia.

It is through the creation of algorithms free of the terrorists' linguistic dominance that children and young learners can be kept safe.

In Central America (Paz, 2010)
The limitations of the research are people's fear of giving information about the ways in which their members were raised, their childhood, their family, their parents, their first school experiences, but we have a technical feasibility with the anonymity of the researcher that will allow us to conduct interviews via the Internet with people who want to collaborate with the information on the social history of their members.

(Barrios, 2023) A data is a symbolic representation, which may be numerical, algorithmic, spatial, or other; it describes an attribute of an entity, either on quantitative or qualitative variables. Data describe given values with respect to observed values.

For computational intelligence methods, a classifier is nothing more than a function that, given a vector with characteristic C, assigns it a label and makes it belong to the set of a class to be predicted. (Cano Esquibel, 2020).. The "avoid that" factor will save lives in the national education system, in which the penumbra is generated under the following scheme:

1. Student fear of losing points
2. Teacher afraid of administrative summary
3. Manager to be changed and returned to the classroom, or to be placed on administrative probation.
4. District that fears the politician on duty in Quito and that calls attention to him when he does not obey in a dogmatic way, on issues that deserve analysis.
5. The vox populi that knows what happens in educational institutions in the face of crime but that no one generates a control algorithm.

A main feature within computational intelligence is the learning paradigm of the systems. The advantages of artificial intelligence with alphanumeric data is that it has allowed changes in the system that are adaptive in the sense that they allow the system to perform the same task and the next time it will do it in a more efficient and effective way; while the risk of a pure human intelligence is that the system becomes less efficient and effective because of failures in the memory of the one who is in continuous operationalisation. As when the course inspector or tutor has an accident and chaos ensues in the institutions.

METHODOLOGY

A field study was carried out for the development of this research, with a qualitative type of research. In the survey as an instrument of the research, it was possible to refer to a correspondence of codes in order to be able to store the information on the reaction to the codings.

A survey was carried out with 10 teachers, 20 parents, and 30 students to find out the capacity of association that exists between the reality of what happens in educational institutions and mental coding. A total of 60 people from the educational community of the University of Guayaquil and the José Alfredo Llerena Educational Unit and the Los Ríos Province Fiscal Educational Unit were surveyed.
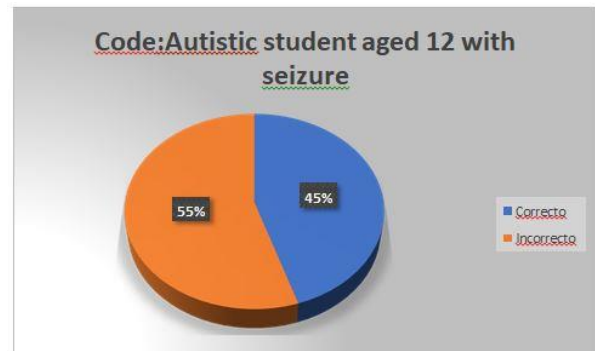
Identify the meanings of the following messages: Join with lines:

Join with lines:	Join with lines:
1. S. aut./ 15y attack	1. Student aged 12 with seizure
2. S. epil.12 and attack	2. Teacher with medical visit
3. S. drugs 13 and consumption	3. Student with drugs between 13 years of age and consumption
4. S. backlog	4. Students in gender-based violence among 14-year-olds
5. S. gender-based violence 14 y.	5. Asperger student aged 13 with hypersensitivity
6. S. asperger's 13	6. Teacher with health problems

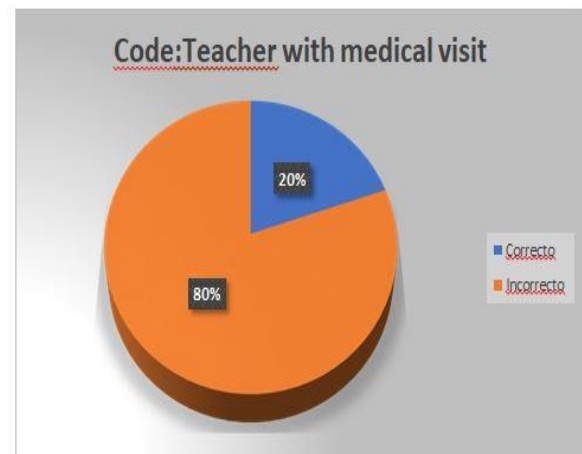| 7. Tp/s:	7. Excused teacher tardiness
8. T v/m	8. Overdue student
9. T/ backlog j.	9. Student backlog
10. T/ backlog i.	10. Unjustified teacher delay
11. T/ p. vehicle	11. Teacher's vehicle in danger
12. T/ problem on your shift	12. Autistic students up to 15 years old with seizures

Results obtained

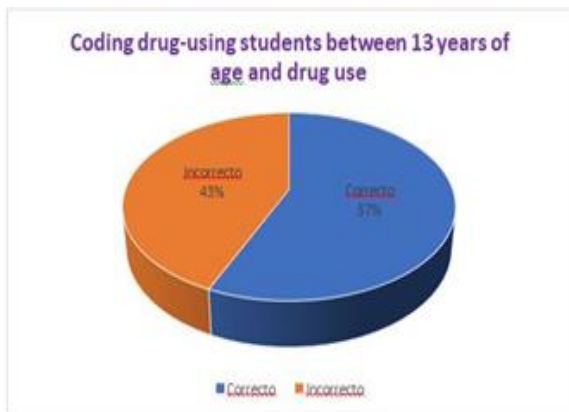**1.- Decodes the algorithm Autistic student aged 12 with seizures**

45% of the respondents correctly coded the algorithm in the part that the 12-year-old student is with autistic seizure. 55% could not decode and join with lines that this coding: "S. aut./ 15y attack" belonged to him**.**

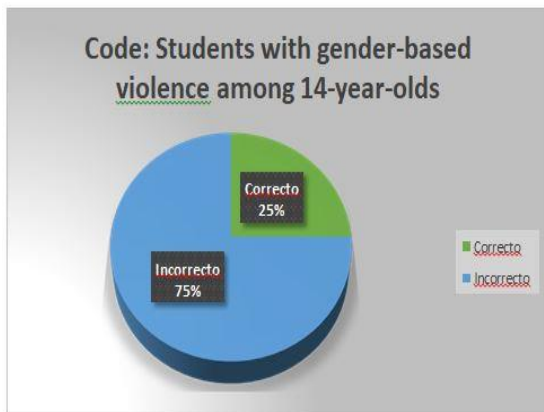**2.- Decodes the algorithm Teacher with medical visit**

80% of the respondents incorrectly decoded "T v/m" as part of the algorithm "teacher with visit" "*teacher* with medical visit". 20% of 6th graders got it right and did it correctly by linking the meaning with the signifier with lines.

3.- Decodes part of the algorithm Students with drugs between 13 years of age and consumption

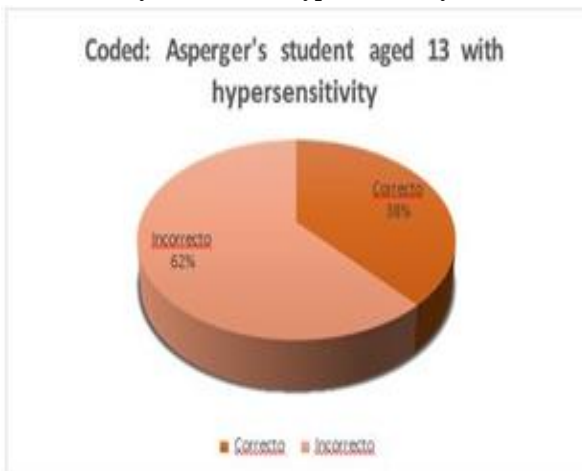Coding drug-using students between 13 years of age and drug use

57% of respondents correctly decode students with drugs between the ages of 13 and consumption. 43% decode incorrectly.

4.- Decodes the algorithm Students with gender-based violence among 14-year-olds

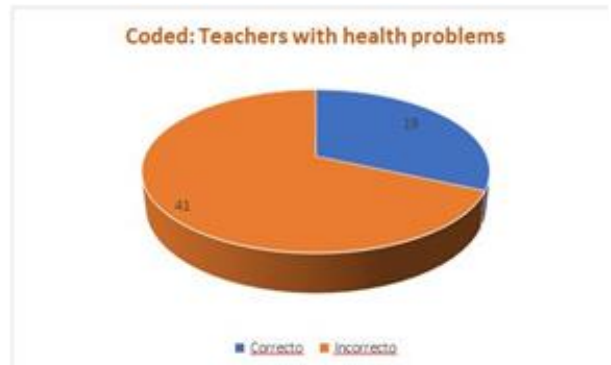Code: Students with gender-based violence among 14-year-olds

75% of students incorrectly decode the code for students in gender-based violence among 14-year-olds. 25% decode it correctly.

5.- Decodes in the algorithm Asperger's student between 13 years old with hypersensitivity

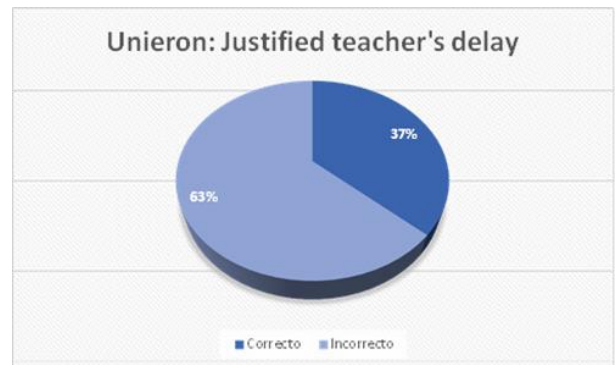Coded: Asperger's student aged 13 with hypersensitivity

62% decoded the Asperger's student aged 13 with hypersensitivity part of the algorithm correctly. 38% did it incorrectly.

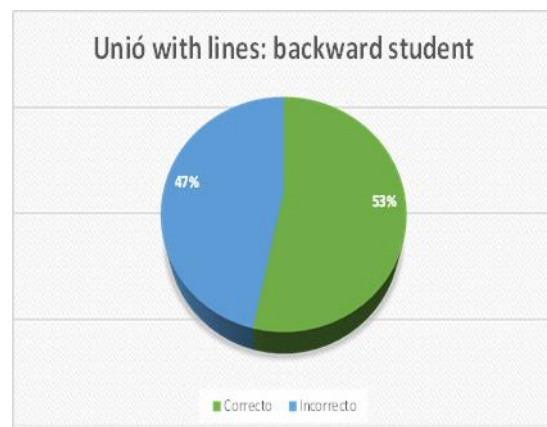**6.- Decodes in the algorithm Teachers with health problems**

Coded: Teachers with health problems

41 out of 60 respondents answered incorrectly, which code pertains to Teachers with health problems. 19 out of 60 respondents answered correctly.

7.- Decodes the algorithm of Excused teacher delay.

Unieron: Justified teacher's delay

63% of respondents incorrectly lined up the code for Excused teacher lateness, which corresponds to 38 respondents, while 37% answered correctly.

8.- Decodes the algorithm of Late **Learner**

Unió with lines: backward student

Discussion of the Results

The results show the lack of custom within coding systems. Data is the basis of the computer system. Artificial intelligence must be provided with sufficient data, which makes the decoding of data within the community possible. Logarithms, algorithms that could

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be established consist of S. aut./ 15 and attack with the semiotic value of Student between 12 years with attack, then S. epil.12 and attack with the value of Teacher with medical visit. S. drugs 13 and consumption which means Student with drugs between 13 years and consumption. Of these 3 a large number of respondents, reported problems decoding, while S. backwardness, it was easier to decode as Students in gender violence between 14 years which is S. gender violence 14. It was important to rescue updates such as Asperger Student between 13 years with hypersensitivity which was coded as S. asperger 13 y. hypersensitivity. Also included were: Teacher with health problems =Tp/s; Excused tardiness of teacher, others as T v/m, Student late, T/ tardiness j. Student late. T/ late i. Unexcused delay of teacher**.**

A survey was carried out with 10 teachers, 20 parents, and 30 students to find out the capacity of association that exists between the reality of what happens in educational institutions and mental coding. A total of 60 people from the educational community of the University of Guayaquil and the José Alfredo Llerena Educational Unit and the Los Ríos Province Fiscal Educational Unit were surveyed. They showed between laughter and concern manifestations of acceptance of the artifice proposal, which yielded data such as 45% of respondents correctly coding the algorithm in the part that a 12-year-old student is with autism attack. 55% could not decode and join with lines that this coding: "S. aut./ 15y attack" belonged to him. 80% of the respondents incorrectly decoded "T v/m" as part of the algorithm "teacher with visit" "teacher with medical visit". 20% of 6th graders got it right and did it correctly by linking the meaning with the signifier with lines. 57% of the respondents correctly decoded students with drugs between 13 years of age and drug use. 43% decoded incorrectly. 75% of students incorrectly decode the code for students in gender-based violence aged 14. 25% decode it correctly. 62% decoded the part of the algorithm Asperger's student aged 13 years with hypersensitivity correctly. 38% did it incorrectly.

It was found that 41 out of 60 respondents answered incorrectly, which code belongs to Teachers with health problems. 19 out of 60 respondents answered correctly. 63% of the respondents incorrectly joined with lines the code that corresponds to the code for Excused teacher delay, which corresponds to 38 of the respondents, while 37% of the respondents answered correctly.

Conclusions and recommendations

The search for patterns for educational safety and the management of the different terms in different knowledge development communities is elaborated from fieldwork and news reports of behaviours and elements that have led students from unsafe to safe boundaries. The logarithm of insecurity is the security algorithm.

An antilogarithm is shown that the antilogarithm of a is b if $10^a = b$; therefore, the antilogarithm of insecurity is $10^{insecurity}$ is security ; so that when a phenomenon such as insecurity its exponent is base 10, an algorithm must be created that allows it to be controlled. The algorithm is a sequence of solutions.

The educational risk algorithm is a solution to the system that allows the inclusion of partial solutions, which are going to be called, s; where the sequence of s's are (s1, s2, s3, ...∞) The s's of the algorithm are infinite because delinquency is not static. It is a viral system of a social type.

Recommendations

Pattern recognition algorithms have been developed to permeate day-to-day security, where managerial intelligence permeates the voices of teachers, security, and administrative staff to decipher the communication genes that are linguistic signs.

Reference can be made to syndromes such as cases of autistic students, or consumers, the problem of possible kidnappings, or damage to teachers' vehicles.

These data mining algorithms were obtained from the extraction of phenomena and comments from at least 30 Educational Units between Guatemala, Ecuador, Colombia, and Spain, from 2010 to 2023.

The model is of significance for any educational unit, as they all suffer from it.

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