



## A Searching for Initiating Region & Countries' Economy like GDP on Scholar & Post-Doctors with Sustainability

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### Abstract

*The high-tech skills may be developed continually by fellows & scientists in university & manufacturer's R & D (research & development) department who can cultivate new innovative goods for us to use forwards. So that we hope many new innovation goods to exhibit in the world Through factory's making continuously. On the other hand, the financial innovation will become prevalent recently whose mission may improve the new functions as many as possible. Moreover the financial tools would meet recent requirement by learning deeply knowledge and useful application whose target may be artificial intelligence goods more than the previously automatic equipment. Thereby, the many talents like fellows & scientists will be necessary and very important whose education & experience could be planed & aligned by us. Certainly we meet the significant problem how to educate fellows, and which destination to need to do, why to process etc. a series of problem. We must do our best to meet the social difficult matters Through our acting and planning for the sake of satisfying every requirement in modern society. So that every citizen need invest capital to earn money will dominate the main society tendency and government institution must considerate that point so as to promote the financial tools' general utilization like estate, gold dealing, bond & the stock market etc.. Through post-doctoral mobile stations and other sophisticated projects the sophisticated theoretical formula may form to search for the internal construction and status with one and many substances for the sake of observing the future changeable states, which may be the destination by this searching continually and constantly.*

**Keywords:** search; economy; high-tech; private car; GDP; artificial intelligence; post-doctoral; researcher; sustainably

### 1. Introduction

On the views of erecting mathematical formula to try to find the inner nature with some matters the sophisticated modelling will complete its mission to testify and clarify the results which is correct or not. If the instruction meaning still exists in the data will become a criterion reserved in database as an proof and course to use many years later maybe or not. It is just confirming course and results. We will consider its accuracy and error to decide whether it is playing a special occasional application, which is still needing to recognize. Many searching will find many discoveries in the internal

structure and deduced course for one certain even a lot of ones, so that the relevant array and differential formula among them can be affecting their defining states even infinite ones. Hereby the according ones will present some defined meaning for visible materials and future changing tendency eventually, which structures that destination in this study continually. The impact of high-tech products may affect our general person on daily life and judgment. So that we should master its physical meaning and applying method for further upgrade and development on the other hand. If we could suggest some advice on it the new functional development will be found and applied to future application since it has new function. Like

the washer machine will be better if it has dry function so many years later the new one will become reality, many new wash machines have that function to make the clothes be convenient and clean. So we need to like observe the thing and propose new creationary suggests will make the world to be better and nicer. Some new products just have been from the general idea from the customers advice which may improve the progress forwards a step just since a simple thought. Many high-tech ones just are from the diary thought from our heart, don't forget the simple one sometimes may change the auto-machine even artificial intelligence one. Since it has been an AI times we may think about the leading dog for elder and blindness men so some years later the necessary AI dog may exhibit.

On the other side, the importance of understanding the benefits of high-tech products will occupy the most one position since we still need comfortable rapid high quality even high efficiency. So we need scientists to make a good one to afford a set of AI products to solve that problem in recent future. When we discussed GDP (Gross Domestic Product) as an important indicator of the state of the country's economy the developing regions and countries would rapidly increase their development speed to become top several ones. So through comparing with strong ones the region will find its false for many years and make itself more developed, which was a comparison psychology and behavior. Only them found their backwards they will resolve to enhance their entity and abilities to follow the high level step eventually. That will be regarded as an evidently promoting and retrieving attitude. [1~11]

## 2. Discussions

### 2.1 Estate price in some countries [4]

The house price in top ten countries will exhibit 4.2~0.8 thousand yuan per m<sup>2</sup> in Monaco~Los Angeles in 2025 which expresses the value is increasing and maintaining status stably. The difference provides 5.25 times maximum. Therein the three Asian cities where the Hongkong occupies 3.4 thousand yuan lie in the higher price while the three American ones maintain the lower one there.

**Table 1 The estate price in the top ten countries, per m<sup>2</sup>**

Ranking	Country	Price, thousand yuan	Ranking	Country	Price, thousand yuan
1	Monaco	4.2	6	Geneva	1.5
2	HongKong	3.4	7	Tokyo	1.2
3	London	1.6	8	San Francisco	0.9
4	Singapore	1.6	9	Paris	0.9
5	NewYork	1.5	10	Los	0.8

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Angels

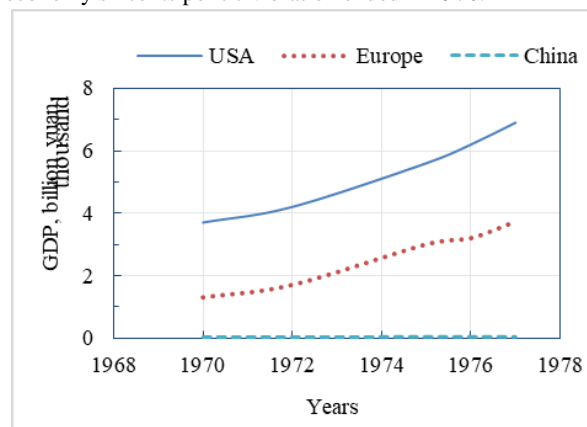
### 2.2 America, Europe & China GDP ranking

The three big economic communities affords 0.69~0.0035 trillion dollars GDP in 1977 while their y-o-y provided 18.8%~5.7% respectively in the same year. The US became the first economy community, then the Europe and China occupied the second & third ones. Therein the China expressed the lowest one with lower development speed still then. The difference between US and China indicates 197 times in 1977. So China needs to regulate its strategic planning to realize the economic high development urgently and essentially.

**Table 1 America, Europe & China GDP ranking, Billion dollars.**

Years	USA	Europe	China
1970	3700	1300	28
1972	4200	1700	29
1975	5600	3000	33
1976	6200	3200	32
1977	6900	3730	35
y-o-y	18.8%	19.5%	5.7%

The difference between them attains mean 3.5 trillion dollars in general, so there is still much effort to do for the sake of promoting their economic status in 1970~1977 which might become a new initiation point within those three communities. Especially the China's one still indulged in a depressive economy situation which may enquire some innovation methods for it to decide and choose better one to develop its economy since its politic vibration ended in 1976.



**Figure 1 The America, Europe & China GDP ranking II. [2]**

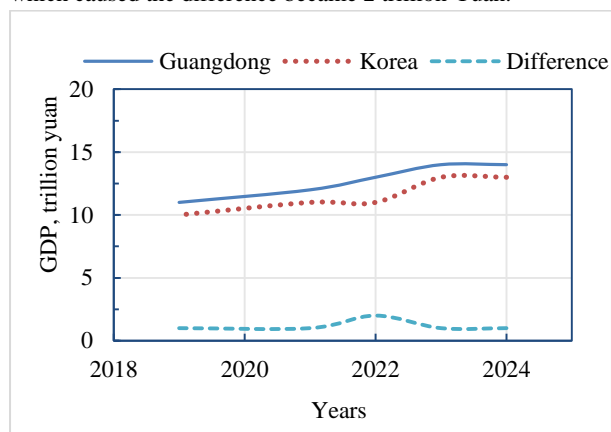
### 2.3 Guangdong & Korea GDP comparison

In Table 2 below the GDP in Guangdong & Korea would afford 14~13 trillion yuan in 2024 while their y-o-y attained 18.8%~19.5% accordingly. Thereby the former has already exceeded the latter from 2019 to now all the way.

**Table 2 The Korea and Guangdong GDP listing, trillion yuan(Units). [3]**

Years	Guangdong	Korea
2024	14	13
2023	14	13
2022	13	11
2021	12	11
2019	11	10
y-o-y	18.8%	19.5%

Below figure will exhibit the difference between Guangdong and Korea in 2019~2024 which indicated little one of 1 trillion yuan difference occurred in general as seen in Figure 2. In the 2022 the Korea GDP declined about 1 trillion yuan which caused the difference became 2 trillion Yuan.

**Figure 2 The Korea and Guangdong GDP drawing with years.**

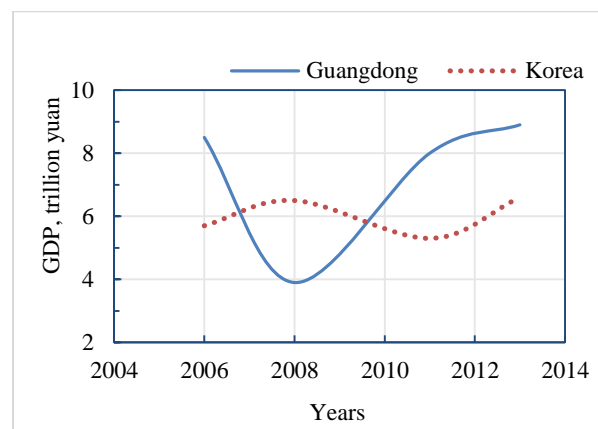
In Table 3 the Guangdong & Korea completed the 8.9~6.6 trillion yuan in 2013 with the y-o-y becoming 11%~24% respectively. That expresses that the Guangdong economy highly developed status from 2006 which surpassed the Korea about 2 trillion yuan in the same year.

**Table 3 The Korea and Guangdong GDP drawing I with years.**

Years	Guangdong	Korea
2006	8.5	5.7
2008	3.9	6.5
2011	8	5.3
2013	8.9	6.6
y-o-y	11%	24%

In Figure 3 the Guangdong province & Korea showed a similar status in general except that the big cavity has formed

in 2008 which means that the financial crisis effectiveness was influenced.

**Figure 3 The Korea and Guangdong GDP drawing with years.**

#### 2.4 Four countries GDP list

The four countries like Japan, Germany & France, China's GDP ranking has exhibited in Table 4 & Figure 4 where the Japan~China indicated 3.1~0.35 trillion dollars in 1989 with the y-o-y attained 0%~9.3% in 1989 while the y-o-y value became 19%~14% accordingly in 1988. therein the China has recorded the higher GDP increase speed with more than 9.3% then meaning its strongly elastic economy development status.

**Table 4 Japan, Germany & France, China's GDP ranking, trillion dollars. [5]**

Years	China	France	Germany	Japan
1989	0.35	1.1	1.5	3.1
1988	0.32	1.0	1.4	3.1
1987	0.28	0.94	1.3	2.6
y-o-y, 1988	14%	6.3%	7.6%	19%
y-o-y, 1989	9.3%	10%	7%	0

The four countries has realized the GDP value increase and decrease with curving their ones to exhibit the directly effectiveness in figure below. We found that the Japan and Germany difference provided about mean 1.5 trillion dollars which is a big value meaning the strong economy status in the former then.

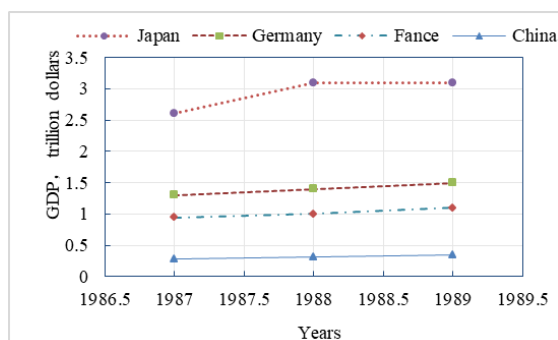


Figure 4 The countries' GDP drawing with years. [5]

## 2.5 Brazil & China GDP comparison

The two big countries have the similar economy status in the past years so the comparison between them will have a significant role in developing the GDP value from 1968 to 1981 as discussing in following narration.

Table 5 The Brazil & China's GDP listing with years

Year	China	Brazil
1968	70	33.75
1970	90	42.5
1971	110	56.25
1975	156	146.25
1977	160	175
y-o-y	2.5%	19%

The Brazil & China GDP would indicate 0.18~0.16 trillion dollars in 1981 while the one was 0.038~0.07 trillion dollars in 1968 respectively. The y-o-y would become 370% & 128% in 1977~1968 correspondingly while the one became 19% & 2.5% in 1975~1977 as shown in Table 5 & Figure 5, which means the more rapidly development would be completed in former. In 1976 the former exceeded the latter with GDP of 0.16 trillion dollars.

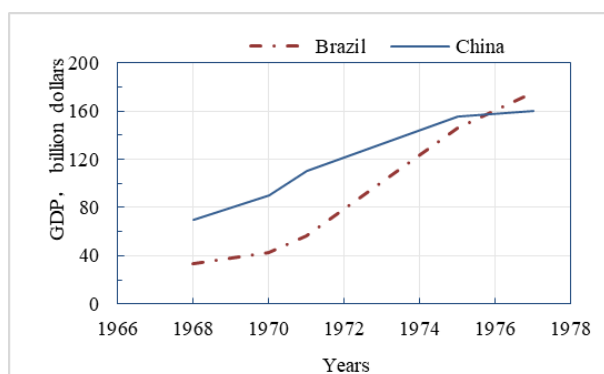


Figure 5 The Brazil & China's GDP drawing with years. [6]

The Brazil & China GDP would indicate 0.27~0.2 trillion dollars in 1981 while the one was 0.22~0.17 trillion dollars in

1978 respectively. The y-o-y would become 22% & 17% in 1981~1978 accordingly.

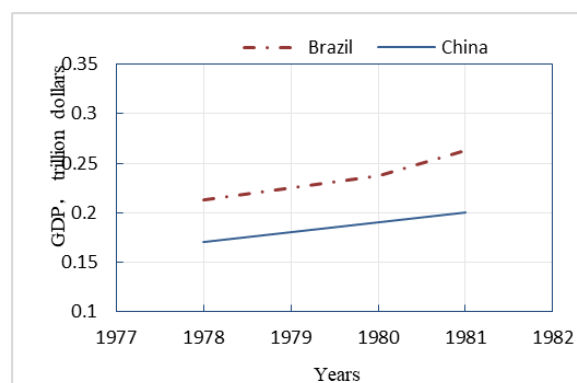


Figure 6 The Brazil & China's GDP drawing I with years. [6]

## 2.6 The Pinnacle International Journals

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- Length:** Manuscripts should typically be between 3000 to 7000 words, including references.
- Submission Process:** Please submit your manuscripts through our online submission system by [Google form](#). Make sure to include all co-authors and their affiliations.
- Peer Review:** All submissions will undergo a double-blind peer review process to ensure the integrity and quality of the papers published.

Journal List has included in the following ones. [Critique Open Research & Review \(ISSN :3023-3267\)](#); [International Journal of Social Sciences and Humanity Development \(ISSN :3087-4076\)](#); [International Journal of Management and Business Development \(ISSN :3087-4084\)](#); [The Pinnacle Research Journal of Scientific and Management Sciences \(ISSN :3087-4041\)](#); [International Research Journal of Medical Sciences and Health Care \(ISSN :3087-405X\)](#); [International Research Journal of Advanced Engineering and Technology \(ISSN :3087-4068\)](#). The [International Research Journal of Library and Information Sciences \(ISSN :3087-4092\)](#). [12] For more details regarding manuscript submission and formatting guidelines, visit our website at link:

<https://aimjournals.com> or contact us at [editor@aimjournals.com](mailto:editor@aimjournals.com).

### 3. Conclusions

The high-tech products and skills will dominate the recent artificial intelligence field's advance products like AI robotic dog, AI robot in workshop etc, so that we must emphasize that tendency in advance to proceed the relevant education in college and school like university for them to pursue AI work chance in future, meanwhile there need to be have a lot of reserved talents for those high-tech products research & development for the sake of substituting for recent employees randomly. Thereby those fields need still many scientist & fellows to process basic and applied research for many projects who will play their wisdom and experience to R & D department in university even maker. Other high-tech like medicine drug field we must need also enough educational scientists & engineers to process their innovation pharmacy research and development still since there are still many projects need us to develop urgently. Meanwhile the economic administration tool like ERP and VBSE having its effectiveness in maker's computer administration and instructing students application accordingly so the scientific management and update will become essential and necessary. Those high-tech products can change the future strategic diagram thereby we must utilize and realize its importance for practical instruction meaning urgently for the sake of saving time, declining cost & enhancing quality, efficiency.

### References

1. AI assistant, Internet
2. Tencent News, Apr. 1<sup>st</sup>, 2025, Internet
3. News, Apr. 1<sup>st</sup>, 2025, Internet
4. News, Apr. 4<sup>th</sup>, 2025, Internet
5. Tencent News, Apr. 4<sup>th</sup>, 2025, Internet
6. GDP, Tencent News, Apr. 4<sup>th</sup>, 2025
7. Run Xu, A Searching for High-Tech Products & Economic Innovation on Scientist and Scholars Possessing Doctoral Certificate & Post-Doctoral Experiences in Research Mobile Station with Sustainability, Global Scientific and Academic Research Journal of Multidisciplinary Studies, 2025, 4(3): 74~76
8. Run Xu, New Evaluated Methods for Erecting Economy Innovations and high-Tech Products on Fellows & Scientists with Owning Post-doctoral Experience in University, Global Scientific and Academic Research Journal of Multidisciplinary Studies, 2025, 4(3): 51~53
9. Run Xu, A Searching for High-Tech Products & Financial Innovative on Fellows & Scientists with the PhD Degree & the Post-Doctoral Research Mobile-Stations Sustainably, Global Scientific and Academic Research Journal of Multidisciplinary Studies, 2025, 4(3): 97~100
10. Run Xu, A Searching for High-Tech Products & Financial Innovative like GDP on Fellows & Scientists with the PhD Degree & the Post-Doctoral Research Mobile-Stations Sustainably I, Global Scientific and Academic Research Journal of Multidisciplinary Studies, 2025, 4(3): 93~96
11. Run Xu, New Evaluated Methods for Erecting Economic GDP etc. Innovations and high-Tech Products on Fellows & Scientists with Post-doctoral Experience Owners in University II, Global Scientific and Academic Research Journal of Multidisciplinary Studies, 2025, 4(3): 77~80
12. E-Mail, Apr. 7<sup>th</sup>, 2025, Internet