



## New Evaluated Methods for Erecting Economic and high-Tech Products Like Artificial Intelligence Applied to Actuality on Fellows & Scientist with Post-doctor in University

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### Abstract

The China two sessions are held in this week whose target is about to focus on the policies progressed continuously the sensitive issues in China economy & finance high-Tech products manufacturer education constitution etc. statement. The scientist with post-doctoral certificate might help us to proceed many subjects in cutting edge field of science & engineering with erecting corresponding modelling for advancing mathematics formulas. In economics benefit calculation many formulae are substituted with digitalization of investigation result. Meantime the error calculation will be proceeded in order to observe precision. To compare with other publishing paper we can find the error for its model correction. It will be whether it satisfies actual demands for applying to the experimental instruction. If it is better we can consider trial for large application in actual fact. Thereby the optimum path and scope will be looked for and found the best benefit to predict accurately within it. The new evaluated methods have searched the whole procedures for making products in maker in order to extend their tendency in advance in this study whose scope reaches both economics and high-Tech products model in word. The cost and profit model has been established in order to judge the scientific decision in high-Tech products of enterprise. That ARIMA(Autoregressive Integrated Moving Average) presents a new method in economics models will form tendency to solve prediction problem from present. In this study the scientific economics and high-Tech products model and coefficient will be described. At the same time the BP(back propagation) neural network can be applied to economic and high-Tech products matters to predict their values in enterprises. Since its advanced function and big data it has been used in a certain aspects such as pollution emission reduction relevant etc. enterprises at present.

**Keywords:** new estimation; method; economics; benefit; expert; high-Tech products; application; unit; BP neural network; university; erect; artificial intelligence

### 1. Introduction

The scientist and scholar can play an eminent role on deciding the determination in important matters for our country so we must give them much convenience even high salary at department of university and manufacturer. We need to maintain the scientist and scholar quality and level besides quantity whose effectiveness will expose under a series of difficult problem for lowering cost and research and development fee especially. We must respect them since they can bring out eminently progress and benefit for us to share continuously until we know how to affect our life. Through experiencing advance education and experiment for proceeding several projects they may know what to do if the difficult problem occurs around our research front so we can

learn many things from them to instruct next generation science aim. So there are much knowledge and experience to be learned by us so as to boost our enterprise in future.

On the other hand in modern society every man has right to make risky capital income from their investment. So the relevant knowledge should be learned by us like reading Newspaper or journal to prevent from happening those incident matters in future which may make us lose more money. On that contrary some gambles can clearly see the chance and boldly buy a lot gold so that that makes them earn much more money. Many times buying and selling will let them earn much capital within a year even more than that.

Overall, the technology and economy is able to make us to be entry a good circulation from our daily life to national prosperity. Thereby the scientist and scholar is able to define current situation and benefit from salary to bonus income. We should study them how to deal with the matters and what to do recently may give us many experience and knowledge. After all, Let us make the society more efficient and higher quality continually under collaborating & being cooperation with each other commonly and harmoniously. [1~4]

## 2. Discussions

### 2.1 Scientists leaving USA

Recently the new elected American Academy of the National Academician Hudong Chen who is a computational physicist left USA to join Zhejiang University, energy engineering college. He is a innovator and main contributor in lattice Boltzmann method who had 30 years working experiences in computational fluid dynamics, statistic physics, dynamics theory etc aspects. Moreover, he elected the international famous general fluids simulation software PowerFlow. [4] on the other hand, in light of <Huanan Morning News> report on March 10<sup>th</sup>, 2025 after living in USA to work several years the prestigious nuclear physicist Chang Liu had left USA, Princeton University to return China, Perking University which was his mother school. His research field mainly is plasma physics and nuclear fusion, key focus magnetic limited device's escaping electron and other high energy particle relevant physic problem which includes Tokamak device's fracture phenomena, escaping electron producing and consuming mechanism and high-performance digital simulation code development. Herein that the mainland research level and entity has improved besides the research conditions etc. welfare ascends will attract many abroad scientist, scholar & fellows to return home, at the same time the reserved searching persons has also another reason.

### 2.2 The stocks market vibration

The China stocks market vibration would occur in December, 2024 whose list was aligned in Table 1 for referring the situation. Therein, Jinling Sports & Diou Furniture will present the highest increasing speed with more than 20%, then Hainan High-way recorded 19% while the Zengyu Indus., Zhangjiang high-tech & Dayang Guangchi shaped minus speed. Here, the leisure industry will dominate the main market line and then high-tech industry, which explains the enjoyed leisure will conquer the technique field become first increasing items.

**Table 1. The stocks pool partly cases review in December, 2024. [2]**

Names	Code No.	Statistic period	Vibration space, %
Hengda High-Tech	002591	T+2	11
Zengyu Indus.	603089	T+4	-6.4
Jinling Sports	300651	T+2	>20

Nanjing Panda	600775	T+2	14
Shenli Limi.	603819	T+5	10
Hainan High-Way	000886	T+4	19
Nanling Tech	300921	T+2	10
Zhangjiang High-Tech	600895	T+4	-3.8
Dayang Bio.	003017	T+6	-5.5
Mingpu Guangchi	002902	T+3	10
Diou Furniture	002798	T+4	>20
Data Port	603881	T+2	17

### 2.3 The GDP top 100 strong cities ranking in 2024

In Table 2 it exhibits the whole country's top 100 strong cities GDP ranking whose ranking includes Xian~Wenzhou city with GDP 1.3~0.97 trillion yuan in 2024 too. The difference between them indicated proximate 100 billion yuan with small value. Therein the city's GDP more than 1.0 trillion yuan will indicate Xian, Quanzhou, Nantong, Dongguan, Yantai, Tangshan four cities.

**Table 2. The GDP top 100 strong cities ranking I in 2024. [1]**

Ranking	Names	GDP, trillion yuan
21	Xian	1.3
22	Quanzhou	1.3
23	Nantong	1.2
24	Dongguan	1.2
25	Changzhou	1.08
26	Yantai	1.07
27	Tangshan	1.00
28	Wenzhou	0.97

In Table 3 it exhibits the whole country's top 100 strong cities GDP ranking whose ranking includes Nanjing~Changsha city with GDP 1.85~1.52 trillion yuan in 2024 too. The difference between them indicated proximate 40 billion yuan with small value exhibiting the highly approached level. Therein the city's GDP more than 1.8 trillion yuan will indicate Nanjing, Ningbo, Tianjin, three cities.

**Table 3. The GDP top 100 strong cities ranking in 2024. [1]**

Ranking	Names	GDP, trillion yuan
10	Nanjing	1.85
11	Ningbo	1.81
12	Tianjin	1.80
13	Qingdao	1.67
14	Wuxi	1.62
15	Changsha	1.52

#### 2.4 New energy vehicle sale in Jan. &Feb., 2025

The new energy vehicle sale amount has exhibited that the product amount finished 1.9 million and sale amount completed 1.83 million number in January &February 2025 in China, and the increasing speed would indicate beyond 50% both. [3] Therein, the exportation ones attained 2.82 hundred thousand with compared increase 54.5% in the same time in light of News report. So that the producing and selling ones had completed big an amplitude increase means that our country vehicle realized the independently producing capacity for the sake of occupying the advantage market situation with a priority while enhancing overseas sale allocation simultaneously. In terms of the predicting future sale number in the next month, 2025 the continuously expanding both domestic &overseas market will play an important role in ascending producing amount, which may become a new project and destination according to this paper.

#### 2.5 The promise stocks increasing &declining summary

The recent stocks market amplitude might indicate in Table 4 where the Shanghai Xiba~Shuju Port realizes 10.7%~10.2% amplitude correspondingly with the pushed date from March 3<sup>rd</sup> to Mar 7<sup>th</sup>, 2025 in light of Wechat column. Therein the Shanghai Xiba and Shuju Port occupies the highest amplitude of increase speed which shows the potential management entity while the Shengkang Jia indicates -1.7% with the lowest speed. In general, the tendency of increase speed will ascend more than 6.0% exhibiting the good stocks timeline.

**Table 4. The China promise stocks summary. [5]**

Recommen ding date	Code	Name	Amplitude, %
Mar. 3rd	603200	Shanghai Xiba	10.73
Mar. 3rd	002167	Dongfang Zirconium	4.46
Mar. 4th	000016	Shengkang Jia	-1.77
Mar. 4th	002861	Yingtong Comm.	7.26
Mar. 6th	002126	Yinlun Lim.	7.86
Mar. 6th	002553	Nanfeng Precision	6.04

Mar. 7th	603881	Shuju Port	10.27
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#### 2.5 The promise stocks increasing &declining summary I

The stocks market amplitude might indicate in Table 5 where the Shunna Lim.~Baiao Che. realizes 5.35%~11.76% amplitude correspondingly with the pushed date from February 18th to 25th, 2025 in light of Wechat column. Therein the Julun Intel. and Zhongding Lim. etc. occupies the highest amplitude 34.98% and 30.17% of increase speed which shows the potential management entity while the Cambridge Tech indicates -0.78% with the lowest speed. In general, the tendency of increase speed will ascend more than 11.5% exhibiting the good stocks timeline.

**Table 5. The China promise stocks summary I. [5]**

Recommending date	Code	Name	Amplitude, %
Feb. 18th	000533	Shunna Lim.	5.35
Feb. 18h	002173	Chuangxin Med.	8.98
Feb. 19th	603083	Cambridge Tech	-0.78
Feb. 19th	002031	Julun Intel.	34.98
Feb. 20th	603489	Bafang Lim.	9.98
Feb. 20th	603315	Fuan Lim.	15.58
Feb. 21th	002178	Zhongding Lim.	30.17
Feb. 21th	002281	Guangxun Lim.	8.89
Feb. 24th	002717	Lingnan Lim.	4.79
Feb. 24th	603773	Woge Photo-electric	0.78
Feb. 25th	603360	Baiao Che.	11.76

#### 2.6 Deepseek's experiential business success [5]

The Deepseek's successful business experiences may include many aspects, hereby the business ones will provide some meaning joint for us to communicate. From 2013 the original company exhibited to 2023 the DeepSeek founded there are ten years for them to continuously endeavour so as to elect a series of experience and modeling to forecast the quantum investment and diversify investment to propose precise mathematical formula. The following will discuss the detailing experience in their development course. DeepSeek's success as an AI-focused company is likely due to the combination of several key factors.

##### 1. Strategic resource integration

Computing power and data barriers : Cooperate with cloud computing vendors to obtain stable computing power, or accumulate scarce data resources through industry cooperation to build competitive barriers.

Collaboration between industry, university and research institutions: Joint research with universities and research institutions to tackle cutting-edge technologies, accelerate technology landing and attract top talents.

- Policy dividend : In line with China's support policies for the AI industry (such as the digital economy strategy in the "14th Five-Year Plan"), access to funds, projects and other support.
- 2. Commercialization ability
  - Cenario-based landing : Focus on the combination of technology and practical scenarios, such as the application of AI models in financial risk control, or the introduction of personalized learning systems in the field of education to avoid "technology idling".
  - Flexible business model : Use subscription, pay on demand and other models to reduce customer access-threshold, while exploring new avenues of monetization such as AI-generated content (AIGC).
- 3. Team and execution
  - Top technical team : Core members may have top academic background (such as Tsinghua, MIT, etc.) or big factory (such as Google, BAT) practical experience, both research and development and engineering capabilities.
  - Agile iterative culture: Respond quickly to market changes, such as adjusting strategies to launch competitive products or differentiated features after ChatGPT sets off a big model boom. In short, the broader views and scopes will spread their insights and know-hows for them to progress their achievements and update algorithm modelling in light of changing economic statements sustainably. If we may settle and confirm a destination, then

after ongoing a certain effort we would finish that problem definitely, which has been a destination in this research.

### 3. Conclusions

This paper will describe the economy & high-tech focus issue on scientist & fellows whose role may be large on the cutting edge field of science & technology, herein the as many as them will be necessary & important so as to enhance our economic and high-technique competition force in the world. The scientist or fellows may resolve the key problems in front of our processing course throughout their endeavour continuously since the complicated technique occurrence usually will be requiring our top scientist and fellows to solve definitely. He can master a series of experiences even scientifically erecting modelling abilities so he may clarify the essential feature of one thing vocationally. Many sophisticated problems may be solved upon them easily and promptly which can save much time and cost fee for us to resolve by ourselves solely, so we need collaboration with the expert and fellows for the sake of progressing an eminent clarification. For example the artificial intelligence robot who can substitute workers for proceeding products movement even precisely processing will become an important equipment in workshop, so it is about to be searched preciser, lower cost and more ones in future.

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