

An Innovation Study for Thriving Nations Consumption per capita & Stocks Changes & Quantization Definition & Introduction to Archives of Engineering and Technology with Sustainability

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Article History	Abstract
Original Research Article	
Received: 14-04-2026	<p><i>As we knew the GDP can wield its usefulness on evaluating economy status in one region within one period that may explain the goodness & badness there for us to know the accurate value variation in detail. So for the sake of knowing its meaning we should consider all the aspects to exhibit the intrinsic relationships make us to know the detail joints affect our value and following life convenient conditions like the incoming, expenditure & reserved money in the views of the capital route. Therefore, the high GDP value means the high expenditure like purchasing daily & consumptive goods, experiencing health appliance & drug, buying cars etc. all kinds of expending occasions. Hence, the high society request needs more money with regards to increasing that value that may enhance our level and quality than those lower ones in advance. The more high-tech like AI (artificial intelligence) product includes smart robot, smart flow-line assembly & payment machine with multi-diversities like the third payment. So that the more sophisticated diversities will become more prevalent than ever that requests our engineer and experts to process more possible routes for our more convenience and comfort behavior and paying capital timely and accurately than past. Moreover the higher demand will make our enterprise to proceed more advancement occasions sustainably that may bring out innovation technique and products in future eventually. Through detailing investigation our experts should master the market tendency and corresponding new measures in order to increase our innovative products capacity and push into the relevant market always and continuously. With using those trial occasions all of us can experience its new function and agree to that one advantages under tolerating cheapness cost like more launch producing. Meanwhile, the basis research & development in units will be advocated by the government institution to rouse the advancement function & multi-functions for the sake of continuously push those smart machine to the public. Hence the high-technique may promote the tertiary industry thriving that also can increase the part GDP raising un-doubtly. At the end the educated talents like university graduates will be recruited to work in different divisions for the sake of communicating each other experiences to reach a good circulation which can help company to finish the useful advice and adopt new innovation ones sustainably and continually.</i></p> <p>Keywords: Retrieving Nations consumption per capita & Stocks changes & quantization definition & Introduction to Archives of Engineering and Technology, an innovation study, with sustainability</p>
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1. Introduction

The potential talents need to be emphasized and trained a periodical education experience so as to raise the competition capacity each other that will take up the usefulness methods to be birthed constantly. The collaborative combination and cooperative spirit will be advocated by us so as to make an innovative item like software program making capacity besides hardware searching and exploration. From the composition to the performance the series experimental with a series of processing stages like combining compositions, processing, evaluating, processing again, evaluating longevity & making product and brain judgement like modeling erection with principle formula will indicate that first one factor to determine the predicting performance result and longevity. So we should investigate broadly and clarify the key points and then start our theoretical modeling exhibition with the help of experimental proof that may bring out many chances for us to process continually.

Meantime, the investment behavior may be proceed by the similar method with experiment and judgment capacity. The first experiment will be done several hundred stocks in exchange center use portfolio combining strategic plan and then after some time the evaluating its earning will be expressed, and the goodness with AI investment machine and mathematical deduction modeling to analyse the price changes even vibration. Thereby, the financial innovation will make us to be a rich-man that contributes to the tertiary industry enhancement eventually and ultimately. Hence, the reformation idea will occupy the first and important factor for us to master its behavior and judgement like financial one that may bring us more beneficial capital than ever because the quantization investment and evaluating stock price within 5 thousand. Thereby, the stocks evaluating system will be more prevalent and urgent for our constitution investment behavior. There are so many tips tell us following the main capital to win the game that is like a fairy tale story under the help of AI machine.

At the same time, the nations industry advancement will influence our life level like 16° electric consumption per people per day in China 2025. the more energy electric generator has to be increased gradually year by year so as to raise our GDP value eventually besides giving us more comfortable even convenience above 10 times to catch up the USA developed level. [1~28]

2. Discussions

The GDP will affect our country level and quality that may change our life style because the high-technique product enters our daily life every a minute. We should appreciate the engineers and experts to take out new technology for us to share due to combining many high-techniques software

skill to make the complete product more advancement and industrialization that destroy the traditional economy eventually. The renewable energy like photovoltaic generator, wind turbine one, nuclear generator, hydrogen fuel etc. new source one will be made by us continually to exhibit in front of public. On the other hand, the heat-supplier will be regulated by one house in a building with increasing and decreasing switch by electric releasing role. In the developed country it is essential function, so if you go out to let the heat decrease and when you turn to make it to increase for room temperature maintaining a normal situation in winter. Thereby, the electric consumption will retain in a high level and capacity.

2.1 Nations electric consumption per capita variations

The nations electric consumption per capita variations might exhibit 6.5 & 6.2 thousand degree by France & China in 2022 accordingly in light of Figure 1 to show their forward momentum. The y-y value would attain 1.2% & -4.2% by them respectively expressed the France upward development pace.

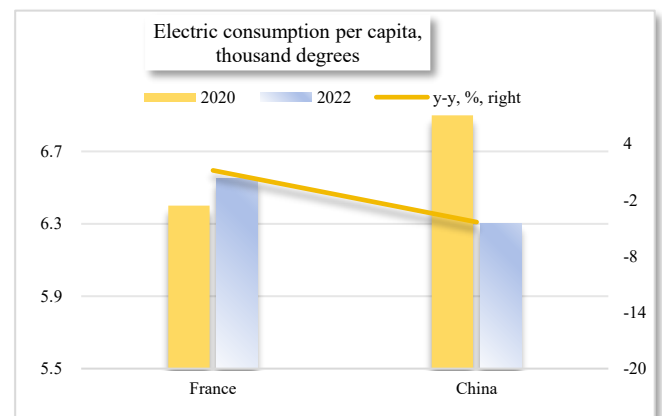


Figure 1 Nations consumption per capita. [1]

At the same time, the nations electric consumption per capita variations might exhibit 4.3 & 3 thousand degree by Britain & Brazil in 2022 accordingly in light of Figure 2 to show their forward momentum. The y-y value would attain 1.2% & -4.2% by them respectively expressed the France upward development pace.

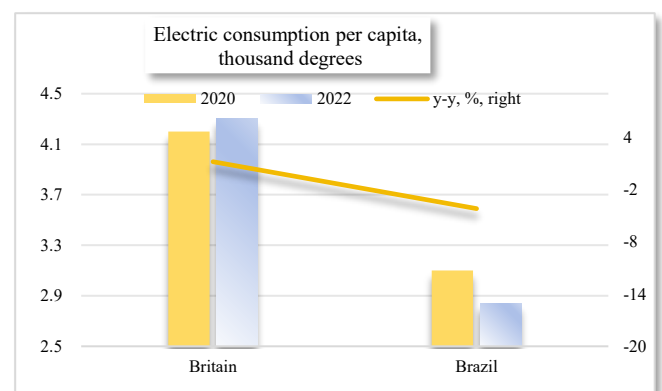


Figure 2 Nations consumption per capita. [1]

2.2 Stocks changes & quantization definition

The free ones would include in <Xin Jinlu> with 000510, <Shitou Holds> with 600539. meantime, the welfare would involve in <Shengyang Holds> with 002580, <Youbang Diaoding> with 002718, <Huaqing Tech> with 603296. [2] The quantization is a process of approximating continuous or a large number of possible discrete values to a finite set of discrete values, primarily used in the conversion from analog signals to digital signals. It also has widespread applications in fields such as educational assessment and the description of social phenomena. Below is information regarding quantization as definition and applications of quantization. Quantization is the process of approximating continuous signal values with a finite set of discrete values, widely used in digital signal processing, image processing, educational evaluation, and other fields. The application in Digital Signal Processing as below. The quantization enables continuous signals, after being sampled into discrete form, to be further converted into digital signals, forming the foundation of digital communication. The application in educational evaluation includes the quantitative methods which are employed to objectively and accurately reflect educational quality by expressing evaluation results in numerical form, thereby enhancing the precision and objectivity of assessments. [3]

2.3 Chinese cities GDP per capita and GDP in 2025

The Chinese cities GDP per capita and GDP in 2025 22.4~53.2 ten thousand yuan by Wuxi~Macao respectively expressed the Macao &HK with 38.8 ten thousand yuan forward value according to Figure 3.

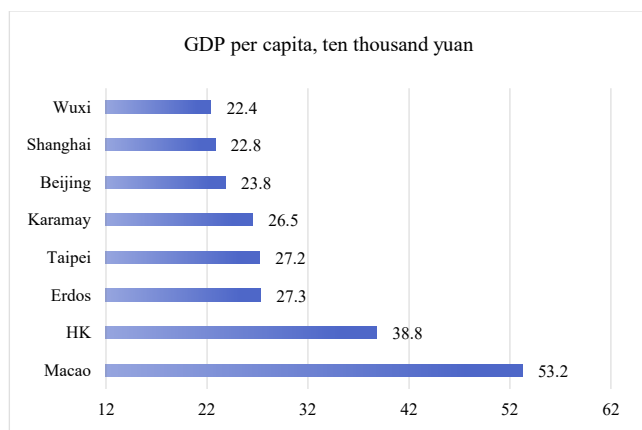


Figure 3 Chinese cities GDP per capita in 2025. [4]

The Chinese cities GDP in 2025 1,677~358 billion yuan by Wuxi~Macao respectively expressed the Taipei, Shanghai &Beijing with 6,360, 5,670 &5,207 yuan forward value correspondingly according to Figure 4.

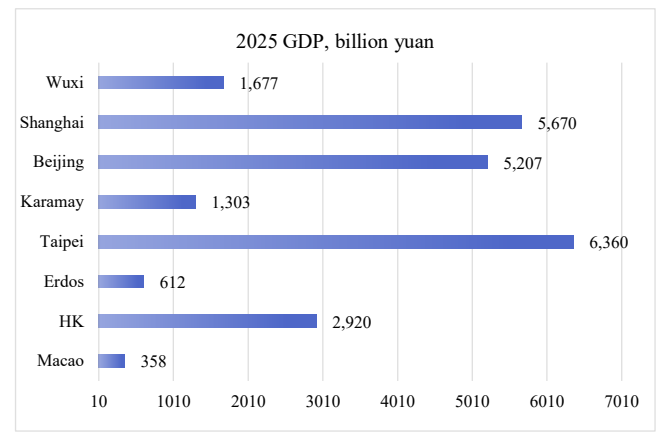


Figure 4 Chinese cities GDP in 2025. [4]

2.4 Introduction to Archives of Engineering and Technology

We recently came across your research papers and found it relevant to our scope. We invite you to submit your manuscript like research, case report, review, short communication, etc. for consideration. We also have multiple journals and can help match your work to the most suitable one. Our journal offers rapid editorial screening, rigorous peer review, open access publication, and author-friendly support with feasible APC(article process charge) discounts. You may submit your manuscript through our online submission system or forward it directly via e-mail as an attachment. We would be pleased to review it for possible publication. If interested in joining our Editorial Board, please share a brief biography about 150 words and your research interests with minimum qualification PhD or MD. [5] Thereby, we are delighted to invite your paper submission to us for the sake of common developing task with quickness and cheapness.

Summarily, the reasonable population who had a good education in school and university will create the high-technique upward dynamic in later company life for creating research and development capacity continually. We should carefully cultivate their education with experiment and theoretical deduction to solve some easy and middle difficult mathematical modeling and simulation defined a certain condition by some parameters that may be regulated variation ones to gain the a series of achievement with regards to the each aspect matter. We also should educate the graduate to write the thesis papers with bachelor, master &PhD degree that may be a best proof to process the simulation and subsidiary experiment if possible. Then he may widen the views that may bring out the new vision to write the innovation papers sustainably. From the infrastructure to the high-tech field the new simulation will become an eternal original source, thereby, we must pay more attention to its education route special in graduate thesis, maybe after some years the achievement derived from it will be created with initial innovation eyes.

3. Conclusions

As we knew the GDP can wield its usefulness on evaluating economy status in one region within one period that may explain the goodness & badness there for us to know the accurate value variation in detail. So for the sake of knowing its meaning we should consider all the aspects to exhibit the intrinsic relationships make us to know the detail joints affect our value and following life convenient conditions like the incoming, expenditure & reserved money in the views of the capital route. Therefore, the high GDP (gross domestic product) value means the high expenditure like purchasing daily & consumptive goods, experiencing health appliance & drug, buying cars etc. all kinds of expending occasions. Hence, the high society request needs more money with regards to increasing that value that may enhance our level and quality than those lower ones in advance. The more high-tech like AI (artificial intelligence) product includes smart robot, smart flow-line assembly & payment machine with multi-diversities like the third payment. So that the more sophisticated diversities will become more prevalent than ever that requests our engineer and experts to process more possible routes for our more convenience and comfort behavior and paying capital timely and accurately than past. Moreover the higher demand will make our enterprise to proceed more advancement occasions sustainably that may bring out innovation technique and products in future eventually. Through detailing investigation our experts should master the market tendency and corresponding new measures in order to increase our innovative products capacity and push into the relevant market always and continuously. With using those trial occasions all of us can experience its new function and agree to that one advantages under tolerating cheapness cost like more launch producing. Meanwhile, the basis research & development in units will be advocated by the government institution to rouse the advancement function & multi-functions for the sake of continuously push those smart machine to the public. Hence the high-technique may promote the tertiary industry thriving that also can increase the part GDP raising un-doubtly. At the end the educated talents like university graduates will be recruited to work in different divisions for the sake of communicating each other experiences to reach a good circulation which can help company to finish the useful advice and adopt new innovation ones sustainably and continually.

Ethic Declarations

The authors declared that there were not conflicts of interest.

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