

An Innovated Searching for Boosting the China Brazil & Pakistan GDP per capita Changes & China Provinces' GDP in First Half of 2026 Ones' Achievement on Scientist's Behavior & Judgement through Sustainability

Authors Details

Run Xu^{1*}

Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si
52828, Gyeongnam, Korea (Rep).

Rongcheng Zhao²

Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si
52828, , Gyeongnam, Korea (Rep).

Corresponding Author: Run Xu

ABSTRACT: The developed country will maintain all aspects advancement included in the three industrial ones like the first industry second industry & tertiary one, specially in tertiary reformation and innovation can form the potential power which may increase the entire artificial intelligence industrial chains through its service level and ability. So that the corresponding service industrial chains will be promoted largely by those smart robots and flow-line automatic device and those equipments will work to substitute for traditional workers with smart judgement and corresponding actions like electronic chip and welding workshop automatically. The only thing for us to proceed is about to maintain the robots operational status like wrong and error happened and fixed by experts who knows the detail error occurring place and substituting part accordingly, therefore, the long-term & non-error period can be made always by our fixing and update. On the other hand, the scientist and engineers need to write their paper sustainably according to the robot etc.

error problem that will experience a throughout studying on the entire machine software and hardware. To define a certain joints that may be possible matters are to proceed carefully examination. Then they publish accordingly academic achievement in the paper to find and process new contents for us to search continuously later which may become constant research contents within our working time. Then from the basis study to applied one the whole searching is to be clarified, meanwhile the abnormal problem may be indicated and the detailing cause that may let engineer check periodically and take place of part continuously happened issue after training their engineers by makers. So that so many smart machines may be controlled easily by usefulness aspect so as to elongate those ones life that may provide much convenient maintenance for our user-sides. There were many payment-machines to stop their working status after a certain time whose problem may happen to the wrong logical and hardware fatigue cause proceeding error. As for the continual one the part is to be replaced and look for new composition one in order to decline the cost and promote its quality and longevity with suitable substantial composition by materials expert and scholars within developing interdisciplinary subjects. Those scientists would know the fitting materials through experimenting method and super-computer computing various combination to satisfy the best one depending on how to endure abnormal atmosphere and finally find the mature product owning cost, quality and efficiency breakthrough performance. So that the interdisciplinary subjects are to birth multi-functional product promotability synchronously that may complete multi-aspects task like the third & fourth one.

Keywords: *Boosting the China, Brazil & Pakistan GDP per capita, China provinces GDP in first half of 2026 analysis, by sustainability, an innovated searching.*

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 thousand 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 of the quantization investment and evaluating stock price within 5 thousand stocks. Thereby, the stocks evaluating system will be more prevalent and urgent for our constitution investment behavior. There are so many tips to tell us following the main capital to win the game that is like a fairy tale story under the help of AI (artificial intelligence) 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. Let us do best endeavour to raise our mission for improving GDP value under cooperation and collaboration spiritual courage within R & D dept(research & development department) and laboratory scope that is to become our diligent destination as to so many scientist and scholars. The better way to be successful is still made by ourselves in different occupations that may create huge power to push the high-technique forwards sustainably whilst the achievement can be published in a journal with fluently English narration once we had any spiritual inspirations. [1~22]

2. Discussions

The GDP as an indicator may play an important role in every aspects of nation and region economic activities, so that the emphasis on it will become a necessary factor for us to evaluate continually. For example the expenditure and incoming balance which may influence the national economic activities like visiting various regions in a country would afford a higher expense booming including the restaurant eating style & buying souvenir etc. many aspects besides the double-flight-fee. Therefore, the more income will be necessary accounting for high-technique working occupation that may bring us up the enough income for us to prepare to enjoy a travel happiness. On the other hand, the industrial producing amount will enhance the working opportunities with increasing high-technique graduates and talents in others employment rate a certain degree that may raise that GDP value definitely. [23~26]

2.1 China, Brazil & Pakistan GDP per capita analysis

The China, Brazil & Pakistan GDP per capita analysis might exhibit 1,466 dollars~743 dollars by China~Pakistan correspondingly in 2004 according to the Figure 1 expressed the former China prosperous economic GDP per capita momentum. Additionally, the y-y value might afford 17%~15% by them accordingly to indicate their higher developed pace and the Pakistan remained the modest speed with near 16%.

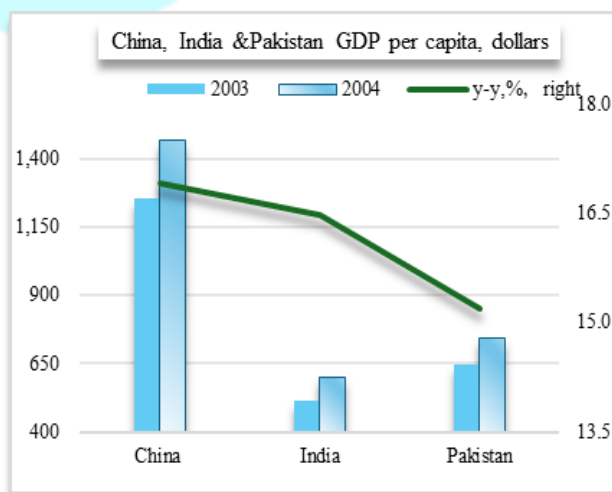


Figure 1 China, Brazil & Pakistan GDP per capita analysis. [1]

Moreover, the China, Brazil & Pakistan GDP per capita analysis might exhibit 1,118 dollars~604 dollars by India~Pakistan correspondingly in 2002 according to the Figure 2

expressed the former China prosperous economic GDP per capita momentum. Additionally, the y-y value might afford 14%~-5% by them accordingly to indicate China the highest developed pace. In contrast, the India retained the modest 4% step.

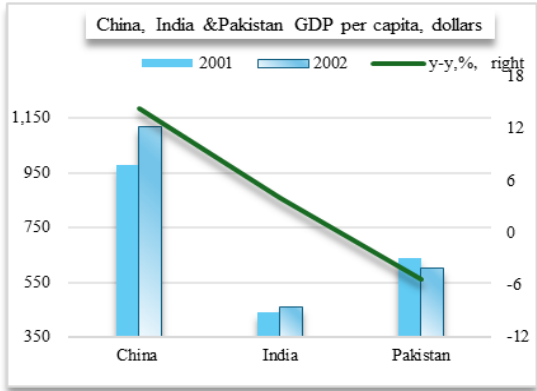


Figure 2 China, Brazil & Pakistan GDP per capita analysis I. [1]

2.2 Shanghai city GDP in the first half of 2026 status

The Shanghai city GDP in the first half of 2026 status analysis might exhibit 0.53 billion dollars~327 billion dollars by first~tertiary industry correspondingly according to the Figure 3 expressed the tertiary industry prosperous economic momentum. Additionally, the y-y value might afford 0.9%~5.9% by them accordingly to indicate the Shanghai city tertiary industry highest developed pace. In contrast, the Shanghai one maintained the higher developed step with the second one 4.7%. In addition, the primary industry, secondary industry & tertiary one in Hunan one were to occupy 0.1%, 20.4% & 79.4% respectively, so that the tertiary one would occupy the most heavy percent in Shanghai. In there, the US dollars and China Yuan exchange rate was adopted 6.77.

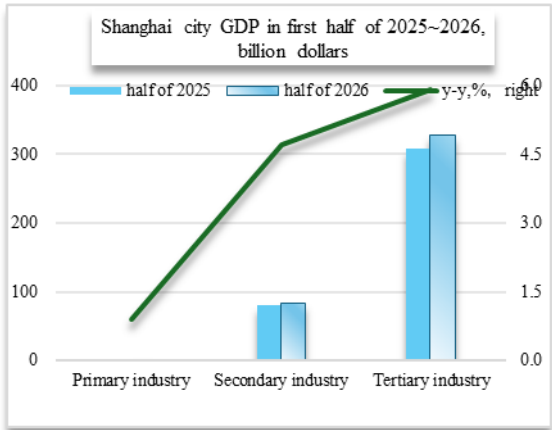


Figure 3 Shanghai city GDP in the first half of 2026 status analysis. [2]

2.3 Hunan GDP analysis in 2.3 Hunan the half of 2026 GDP analysis

The Hunan province GDP in the first half of 2026 status analysis might exhibit 26 billion dollars~23 billion dollars by first~tertiary industry correspondingly according to the Figure 4 expressed the tertiary industry prosperous economic momentum. Additionally, the y-y value might afford 4.1%~3.5% by them accordingly to indicate the Hunan one first industry highest developed pace. In contrast, the Hunan second industry remained the lowest developed step with the 1%. In there, the US dollars and China Yuan exchange rate was adopted 6.77. In addition, the primary industry, secondary industry & tertiary one in Hunan one were to occupy 6.5%, 35% & 58.4% respectively, therefore the tertiary & secondary industries dominated the first & second positions in Hunan province.

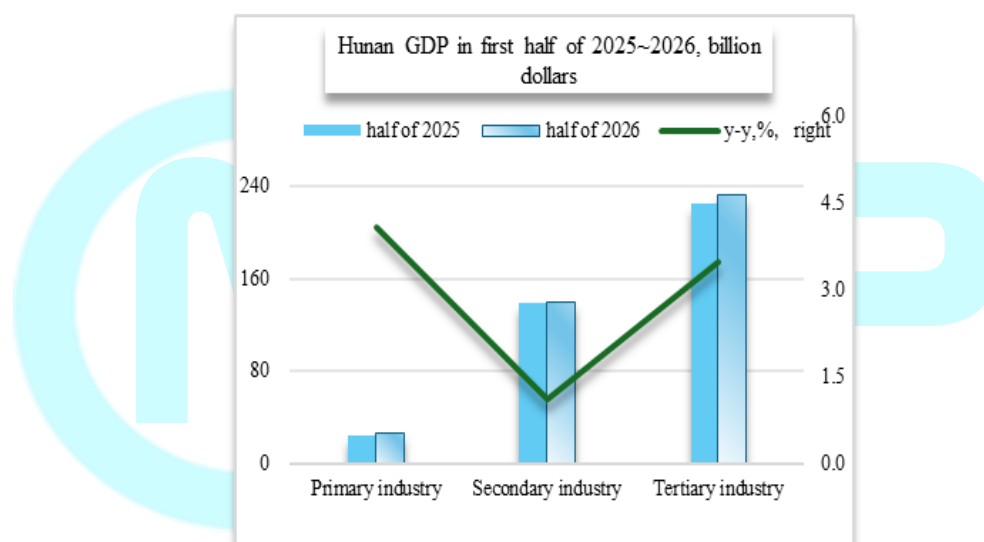


Figure 4 Hunan province GDP in the first half of 2026 status analysis. [3]

2.4 China provinces GDP in first half of 2026 analysis

The China provinces GDP in the first half of 2026 status might exhibit 3,363 billion yuan~3,133 billion yuan by Sichuan~Hubei ones correspondingly according to the Figure 5 expressed the Sichuan prosperous economic momentum. Additionally, the y-y value might afford 4.1%~3.5% by them accordingly to indicate the Sichuan one highest developed pace. In contrast, the Henan remained the lowest developed step with the 1%.

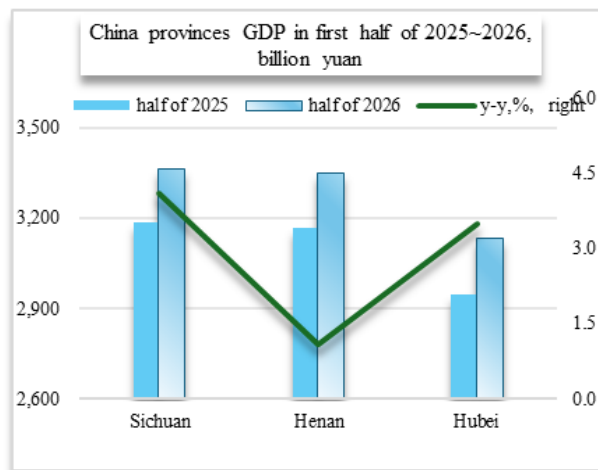


Figure 5 China provinces GDP in the first half of 2026 status. [4]

2.5 Introducing Journal of Scientific Engineering Advances

This is a kind follow-up to invite you to submit a Research, Review, Opinion Articles, Short Communications or Manuscripts and other types for our journal. Your expertise would be a valuable addition to our publication. As a valued author, we are pleased to extend a substantial discount on the regular publication fee for manuscripts submitted and accepted for publication in this issue on or before July 30, 2026. We look forward to your response and hope to collaborate with you. Therefore, we are delighted to invite your submission to us, we are to publish your cherish one quickly and cheaply. [5]

3. Conclusions

The robot etc. innovation machine can help us to process many things from workshop, public occasion to medical & even family, so that the as many as them need us to make continuously to help doing some key aspect like work as welding integrated-circuit chip, movement with materials & doing cuisine and housework even chat with older man. Therefore, the more robots made by factory are to afford the inestimable perspective for serving human being comfortably. We should constantly provide the substance & logical chip to maker for the sake of producing humanoid-robot specially and continually to realize the modernization and commercialization in near future. Some materials are to affect the product longevity and property so that more searching about it will be necessary through scientists and engineers who burden heavy responsibility for the sake of enhancing its performance and longevity besides its high-quality with low making cost. The balance among the cost and efficiency & quality should be carefully considered that may include in

the materials fee, labour salary & machine consumption besides the launch producing saving fee regarding the expanding factory area and flow-line in order to decrease the capital per unit. We should provide the fiscal year report that include the last year expense and coming year budget with good balance and a certain sale amount increasing rate. At the end, the scholar in his senior research and scientist in his academy & laboratory need to wield their capability to approach the key intrinsic rule as to a series of samples made by the experimental trial and theoretical principle, thereby they publish their advancement paper continuously in high-impact-factor journal that can be read by reader with various level to suggest and give advice so as to improve the actuality and instruction role. Under a certain knowledge the scientist may stand in the same level to proceed research direction and find some correct result with principle instruction like use deducing derivative & integrative formula to approach the ideal & deformation internal structure and performance to narrate the detail deduction course and result in the paper in the end. At final, the various deductive curve is to be drawn in one paper to exhibit the complete theoretical induction, meantime the experimental ones can be compared with the formula one to prove the correct method, course and result for us to consider and use later.

Ethic Declarations

The authors declared that there were not conflicts on interest.

Funding

This paper was supported by the Korean Science & Engineering Fund (KSEF) at the granted No 96-0300-11-01-03, under Specific Basis Research Program.

References

1. China, Brazil & Pakistan GDP per capita analysis, July 20, 2026
2. Shanghai city GDP in the first half of 2026 status, July 20, 2026
3. Hunan province GDP in half of 2026, July 20, 2026
4. China provinces GDP in half of 2026 analysis, July 20, 2026
5. Introducing the Journal of Scientific Engineering Advances, July 20, 2026

6. Run Xu, Sangshik Kim, Taehyeon Nam, Changfu Jin, Xianglan Piao, Wanhao Wu, Yonggen Wu, Guanghui Yu, Jianguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Yonghuan Cui, Dongxi Han, Quanguo Piao, Zhe Xu, Zhejiu Jin, Tianyi Yan, Zhenguo Li, An Innovation Study on Retrieving the Taipei & Philippine GDP Analysis and New York & Guangdong Province GDP Variations through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 219~224, DOI: <https://doi.org/10.5281/zenodo.20769260> **Impact factor: 4.2**
7. Run Xu, Changfu Jin, Xianglan Piao, Yuji Zhang, Jianguang Liu, Xiangyu Piao, Meilan Shi, Zaixuan Li, An Innovated Study of Retrieving the Stocks Price Vibrations and Shenzhen & Other Three Provinces GDP Ones through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 225~230, DOI: <https://doi.org/10.5281/zenodo.20769302> **Impact factor: 4.2**
8. Run Xu, Changfu Jin, Jianguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Meilan Shi, Zaixuan Li, Pingxi Cui, Junhao Xu, Zaixin Gao, Dongji Li, Qinghua Xu, Yanjie Mu, An Innovated Study of Retrieving the Thailand & Beijing City GDP Changes and the New Delhi & Shenzhen City GDP Analysis and Chinese Stock Price Variations through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 231~237, DOI: <https://doi.org/10.5281/zenodo.20769372> **Impact factor: 4.2**
9. Run Xu, An Innovation Searching for Prospering Financial Reformation like Stock's Sectors Increasing Amount and Economy GDP & its Per Capita Enhancement on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 153~157 **Impact factor 4.33**
10. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Different Regions on Scientists with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 148~152 **Impact factor 4.33**
11. Run Xu, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 143~147

12. Run Xu, Changfu Jin, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP with Different Regions Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 139~142
13. Run Xu, Changfu Jin, Xianglan Piao, Yonggen Wu, Jing Yu, Jiagunag Liu, Tianyi Yan, Wanhao Wu, An Innovation Searching for Prospering Financial Reformation e.g. the ETF and Economy GDP Continual Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 194~198
14. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement on Scientists Publishing their Achievements at High Impact Factor Journals by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 189~193
15. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with G20 Group etc. on Scientists' Behavior and Judgement with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 184~188 **Impact factor 4.33**
16. Run Xu, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement with Some Various Regions on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 178~183 **Impact factor 4.33**
17. Run Xu, Changfu Jin, Yonggen Wu, Wanhao Wu, Tianyi Yan, An Innovation Searching for Boosting Financial Reformation e.g. ETF and Economy GDP Enhancement on Scientists' Behavior and Judgement Writing Papers by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 199~203 **Impact factor 4.33**
18. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Hubei & Hunan Provinces on Scientists'

- Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 204~208 **Impact factor 4.33**
19. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Osaka & Shanghai and Hong Kong Cities & Shandong and Fujian Provinces on Scientists' Analysizing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 303~307 **Impact factor 4.33**
20. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Indian Cities & Shandong and Fujian Provinces on Scientists' Analysizing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 308~313 **Impact factor 4.33**
21. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tao Yu, Tianyi Yan, Zhenguo Li, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Various Cities on Scientists' Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 314~319 **Impact factor 4.33**
22. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tao Yu, Tianyi Yan, Zhenguo Li, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with High-Speed Train Milage on Scientists' Published Behavior and Judgement through Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 320~325 **Impact factor 4.33**
23. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with the India & Taipei on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 10~13 **Impact factor 4.33**
24. Run Xu, An Innovation Searching for Prospering High-Technique Product and Economy GDP Enhancement with Indian Maharashtra State & Beijing City and

Nobel Laureates on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 14~18 **Impact factor 4.33**

25. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tianyi Yan, An Innovation Searching for Prospering Economy GDP Enhancement with the Indian & Chinese North-Eastern Three Provinces and Nobel Prize Amount Ranking Analysis on Scientists' Writing Behavior and Judgement by Sustainability , UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 24~28 **Impact factor 4.33**

26. Run Xu, Changfu Jin, An Innovation Searching for Prospering Economy GDP Enhancement with the Holland & China Provinces and Forecasting Global Ranking Analysis on Scientists' Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 19~23

