

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

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Article History	Abstract
Original Research Article	<p><i>We collaborate closely with cross-functional teams to identify emerging trends and validate hypotheses through iterative experimentation. Leverage shared insights to refine technical frameworks, ensuring alignment between theoretical advancements and practical applications. We integrate feedback loops for continuous improvement, enhancing the adaptability of solutions in dynamic environments. Like GDP it will conclude the certain regional economy development status like prosperity and depression in the certain period time, therein it has significant meaning for us to go forwards continually with a certain data value. Thereby we follow it and make a detailing method to enhance its rapidness so as to catch up the advance regions as soon as possible which makes us more confidential and knows ourselves position. On the other side, the national & regional GDP (gross domestic product) with different ones can monitor the entire economy activities within one year and more than one year like ten years. As for enhancing that one the economy activities including consuming business behavior and working at advance factories for earning money and even retirement salary simultaneously. Thereby the working position will become an important thing for us to earn more money for the sake of using after retirement. Certainly our consuming behavior can increase the goods quantity and quality that may activate economic thriving one. Thereby enhancing GDP has to promote high-technology product with owning a better beneficial price for us to earn more money for stabilizing our old years. Please try to consider if one has no enough money how he may live normally and happily many years later, hereby we must put our capital into the Social Security Bureau with enough money and time more than 20 years. At the same time the scientist must write their papers continually to famed journal so as to maintain some achievement in research activity. Hence he may acquire titled as an academicians in China academy of Science & Engineering maintaining a permanent title which may carry out bonus permanently per month after he becomes old. We must continually process our research on innovation field to find new phenomenon and project in detail subject. Don't forget to cooperate with others already grasping some internal cause-effect relation to enlarge the relevant skill into products which may bring in new wind on the searching route of technology.</i></p> <p>Keywords: prospering economic GDP enhancement; financial reformation; ETF; innovation; scientist; sustainably; Shandong and Fujian Provinces; Osaka & Shanghai and HongKong city.</p>
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1. Introduction

The GDP (gross domestic product) which indicates national economic status has provided an important role in every aspect in the world. So that the population increasing rate

would be maintained for the sake of raising high-technique product with the entire industrial chain constantly which might enhance our new-quality-productivity. Hence we

should consider the effective factors for example the population quantity, new quality productivity with high-technique etc. Like big plane electric vehicle battery AI robot quantum computer medicine making disease diagnosis AI(artificial intelligence) ocean source space exploration etc. other ones. Low population is enable to offer high life & quality with improving GDP per capita value. Meanwhile, it can enhance the national whole GDP value and help us to boost the economic recovery and many things to do. So the certain population is about to improve our national confidence some degree and make us to become priority one as early as possible even the super-country to lead the world to leadership right.

In contrast, the GDP increasing rate may play a significant role with regulating population increasing rate mutually and cooperatively. Hence the two aspects may be emphasized and paid attention to in thriving the whole national economic developed degree through enough wielding our generations positively and efficiently by our government institution endeavor and evaluation. For the sake of making relevant policies and allocating capital into the necessary industries the corresponding strategic plan needs to be made under various background and entities. Then the according monitor and estimation will be followed and estimated periodically and frequently by the observer in government's institution. At last as to the developed speed in one nation the corresponding population increasing quantity and high-technique product producing will be discussed and considered more preciously and correctly according to the near past years experience and variation.

Therefore, the high-technique products will be completed through wielding our scientist & senior Engineers coordination tightly for the sake of reviving the industrial and tertiary modernization. We should constantly look for and seek the new quality productivity sustainably so as to take place of our traditional industry becoming modernity. An innovation industry like new energy electric generator will be in front of our path forwards, so that the corresponding tactic must be put up and seek the opportunity and fortune in order to burden our responsibility quickly and not to forget recommend the fitting one to appoint new occupation. Like the Bole identified horse or Maosui self-recommended the recommendation will be represent one aspect for our human resource department to consider and evaluate the recommended included a full research room with a set of computer high-technique instrument & device, subordinate, subsidiary staff, salary, house, welfare etc. a series of work so as to appoint his new occupation reasonably and willingly. [1~12]

2. Discussions

We collaborate closely with cross-functional teams to identify emerging trends and validate hypotheses through iterative experimentation. Leverage shared insights to refine technical frameworks, ensuring alignment between theoretical advancements and practical applications. We integrate feedback loops for continuous improvement, enhancing the adaptability of solutions in dynamic environments. Like GDP it will conclude the certain regional economy development status like prosperity and depression in the certain period time, therein it has significant meaning for us to go forwards continually with a certain data value. Thereby we follow it and make a detailing method to enhance its rapidness so as to catch up the advance regions as soon as possible which makes us more confidential and knows ourselves position. [13~17]

2.1 The Shandong & Fujian provinces GDP ranking

The Shandong & Fujian provinces GDP ranking showed 1,130 & 670 billion dollars by Shandong & Fujian in terms of in 2020 Figure 1 shown the Shandong prosperous economy capacity whilst the y-y indicated 12%~10% by them 'accordingly exhibiting their higher development steps.

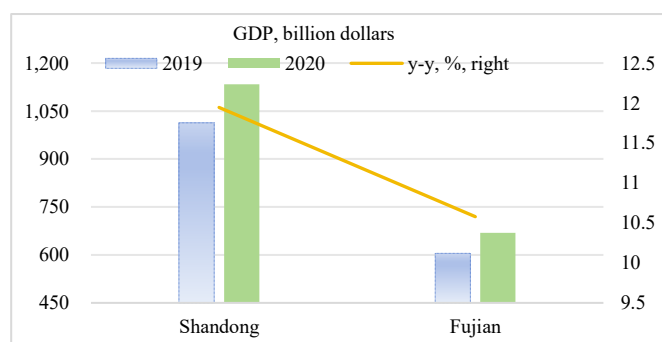


Figure 1 The Shandong & Fujian provinces GDP ranking in 2019~2020. [1]

Moreover, the Shandong & Fujian provinces GDP ranking showed 1,384 & 811 billion dollars by Shandong & Fujian in terms of in 2024 Figure 2 shown the Shandong prosperous economy capacity whilst the y-y indicated 2%~2.5% by them 'accordingly exhibiting their lower development steps.

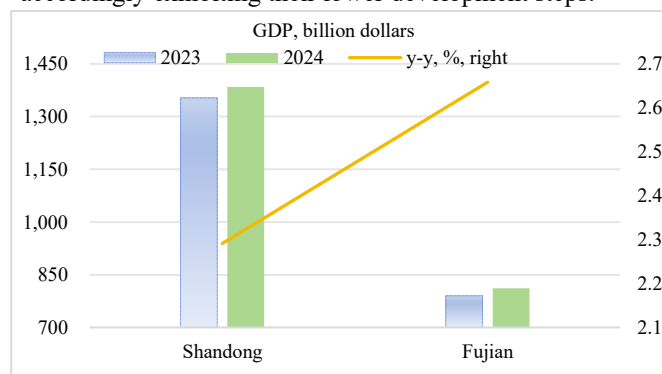


Figure 2 The Shandong & Fujian provinces GDP ranking in 2023~2024. [1]

2.2 Shanghai & Osaka etc. cities GDP ranking

The Osaka & Shanghai cities GDP ranking would show 8.2 & 4.2 billion dollars in 1964 in light of Figure 3 indicated Osaka city prosperous economy development situation whilst the y-y recorded 18% & 4% accordingly in 1964 exhibited Osaka one higher development speed than Osaka city.

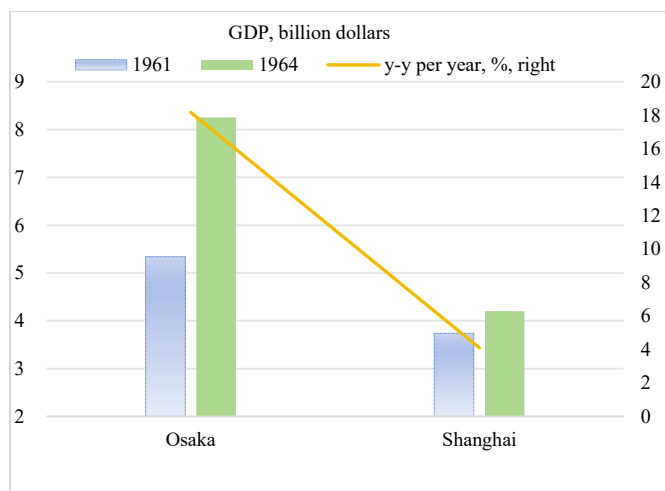


Figure 3 The Shanghai & Osaka cities GDP ranking [2]

On the other side, the Osaka & Shanghai cities GDP ranking would show 14 & 5 billion dollars in 1967 in light of Figure 4 indicated Osaka city prosperous economy development situation whilst the y-y recorded 16% & -2% accordingly in 1967 exhibited the Osaka one higher development speed than Shanghai one that recorded minus growth.

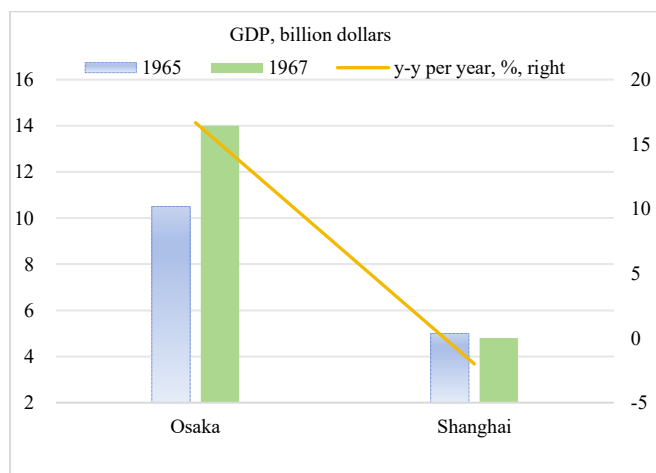


Figure 4 The Shanghai & Osaka cities GDP ranking in 1965~1967. [2]

Furthermore, the Osaka & Hong Kong cities GDP ranking would show 400 & 155 billion dollars in 1995 in light of Figure 5 indicated Osaka city prosperous economy development situation whilst the y-y recorded 44% & 99% accordingly in 1995 exhibited the Osaka one higher development speed than Hong Kong one that recorded highest growth.

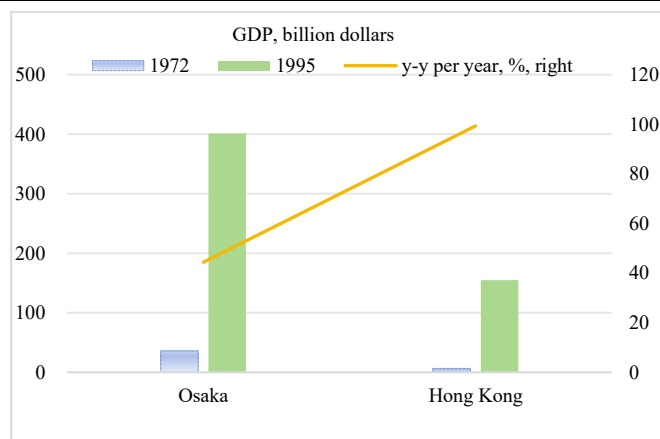


Figure 5 The Shanghai & Osaka cities GDP ranking in 1972~1995. [2]

Moreover, the Osaka & Hong Kong cities GDP ranking would show the same 360 billion dollars in 2018 in light of Figure 6 indicated their city prosperous economy development situation whilst the y-y recorded 0.73% & 7% accordingly in 1995 exhibited the Hong Kong one that recorded The highest growth rate than Hong Kong.

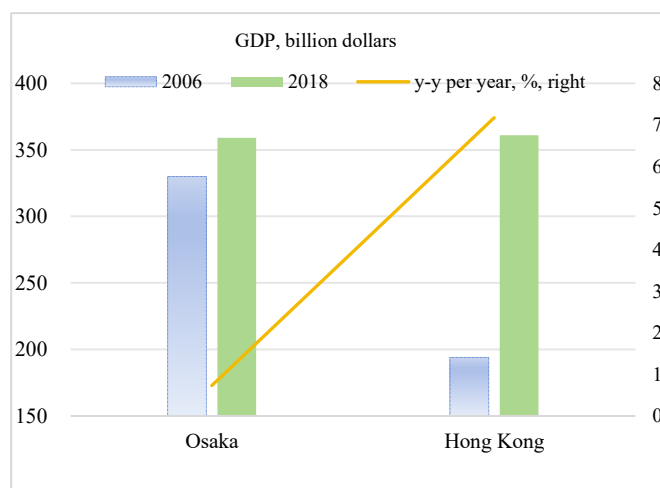


Figure 6 The Shanghai & Osaka cities GDP ranking in 2006~2018. [2]

In short, the scientist must write their papers continually to famed journal so as to maintain some achievement in research activity. Hence he may acquire titled as an academican in China academy of Science & Engineering maintaining a permanent title which may carry out bonus permanently per month after he becomes old. We must continually process our research on innovation field to find new phenomenon and project in detail subject. Don't forget to cooperate with others already grasping some internal cause-effect relation to enlarge the relevant skill into products which may bring in new wind on the searching route of technology. If our high-tech product will be mature our economy status like GDP can acquire a big promotion to catch up like USA as early as possible for the sake of grasping leadership position and getting more money in near future. Furthermore, the scientist role must be underlined because they master a series of high-technique

skill and parameters etc. for making high-profit product earlier than the other ones.

3. Conclusions

We collaborate closely with cross-functional teams to identify emerging trends and validate hypotheses through iterative experimentation. Leverage shared insights to refine technical frameworks, ensuring alignment between theoretical advancements and practical applications. We integrate feedback loops for continuous improvement, enhancing the adaptability of solutions in dynamic environments. Like GDP it will conclude the certain regional economy development status like prosperity and depression in the certain period time, therein it has significant meaning for us to go forwards continually with a certain data value. Thereby we follow it and make a detailing method to enhance its rapidness so as to catch up the advance regions as soon as possible which makes us more confidential and knows ourselves position. On the other hand, the GDP might be significant with exciting our scientist and engineers confidence for the sake of enhancing our high-technology product constantly with an innovation view. As knew it can take up new industrial innovative result for us to pursuit and grasp knowledge and experience armed by new technology spirituality which may last long time until next generation innovation exhibition completely and clearly. We can image the world one hundred years later we know some scenarios from the novel story and movies. There will be many ship-crafts that is to be created with advance technology and they fly from one place to another for the sake of completing save human mission. Maybe our earth-out-space & planet will be conquered somewhat so as to save earth resource and safe they have to transit into near planet for the reserving another route once the earth risk occurring we must get away the earth, or we will die in earth. No matter what will be we primarily seek to enhance our industrial product for promoting our GDP value, that is best way to want doing firstly.

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Ethic Declarations

The authors declared that there were not conflicts of interest.

References

1. Shandong & Fujian provinces GDP ranking, Dec. 27, 2025
2. Shanghai & Osaka etc. cities GDP ranking, Dec. 27, 2025
3. Run Xu, Boyong Hur, NS Reddy, TH Nam, Younwook Kim, A Study of Dislocation and Twins in Deformation of Ti_3 Al-Nb Intermetallic Compounds, *International Journal of Engineering Inventions*, 2023, 12(3): 35-38 **Google Scholar, ESCI, Impact factor 7.2**
4. Run Xu, Kiwon, Kim, N Subba, Reddy and Younwook Kim, The Morphology of Gradient and Growing Rate on the Solidification of TiAl Intermetallic Compounds, *TESS Res Res Rev*, 2023, 2(1): 108.
5. Run Xu, Anh HJ, Kim K, Influence of Directionally Solidified Parameters with Drawing Velocity on Behaviours of γ -Tial, *SunText Rev Mat Sci* 2023, 4(S1): 151 **Impact factor 2.6, Scilit**
6. Run Xu, Ahn HJ, Yong HB, Kim YW, The Dislocation and Twins on Deformation Behaviours by Calculating DS in \square -Tial, *SunText Rev Mat Sci* 2023, 4(S1): 152 **Impact factor 2.6, Scilit**
7. Run Xu, Modelling of Parameters with K, K2, N & M for Superplastic Deformation in TiAl Alloys, 2023, *TESS Res Res Rev*. 2(1): 111. **SCOPUS**
8. Run Xu, The Relationship between Constant A/Dp and Activated Energy Q & Parameters in Creep Experiment of TiAl Alloys, 2023, *TESS Res Res Rev*. 2(1): 139. **SCOPUS**
9. Run Xu, The Regression Formula between Crack Propagation da/dn and Threshold ΔK in Experiment of Fatigue Crack Growth Rate, *TESS Res Res Rev*, 2023, 2(1): 136 **EI, SCOPUS**
10. Run Xu, A Study of the Schmid Factor in Defaults of Ti_3 Al-Nb Intermetallic Compounds, *TESS Res Res Rev*, 2023, 2(1): 107 **EI, SCOPUS**
11. Run Xu, Dynamics Equations of Power and Force on Wind Speed and Pitch Angle Parameters of Wind Turbine Blades, *TESS Res Res Rev*, 2023, 2(1): 108 **EI, SCOPUS**
12. Run Xu, Boyong Hur, HJ Ahn, N S Reddy, KW Kim, Younwook Kim, Study of Dislocation in Crystallography of TiAl Intermetallic Compounds, *International Journal of Engineering Inventions*, 2023, 12(2): 98-101. **Google Scholar, ESCI, Impact factor 7.2**
13. 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**

14. 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
15. 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**
16. 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**
17. 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