

CASE STUDY REPORT

DATA ANALYTICS WITH POWER BI

“ ANALYTICS OF COMMERCIAL ELECTRICITY CONSUMPTION “

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Analysis Of Commercial Electricity Consumption

Abstract:

Energy has been universally recognized as one of the most important input for economic growth and human development. Generally, it has defined as “Capacity to do work” thereby, for bring out desirable design on economic level there must be need of intensive of energy performance in various sectors of the country. Perceiving commercial energy at the one of economic viability consumption has equip the present status of economic level to be boost and reach global advance in due period with identification of which are highly consumes among public and the statistics of this has brought out in this study. Electricity, LPG, kerosene, coal and natural gas are the chosen commercial energy and data for the specified years have collected from central electricity authority CAE and Energy statistics 2015 for 2007 – 2014.

Introduction :

analyzed total consumption of India Popularly, Energy meant that strengthen of physical for execute our daily attributes towards successful progress. But, in macro analytical programme considered the ENERGY is “Capacity to do work” this is a mean which applying in the Economic aspects. Because, energy is live blood of modern economics (Vidhya-2012). So, the Energy is how prominent to physical, same like significant for the economic development or any nation’s maturity in the Economic views. Therefore, countries altogether persisting for attain maturity in all aspects with the execution of natural and artificial energies. Our country India has undertaking four kinds of sectors towards progressive trends with proposed targets through utilization of Energy efficiently. But, the consumption of Energy is inconsiderable one that availing still in nature with fluctuating ratio. Indeed, it also one of challenge to calculate the national outcomes among which are consuming kinds of Energies. Commonly, Energy has classified in to two types such as, renewable and non-renewable resources. Here, the energy meant as resources and classified as commercial and non-commercial type. This study described commercial type of energy

Purpose of the study :

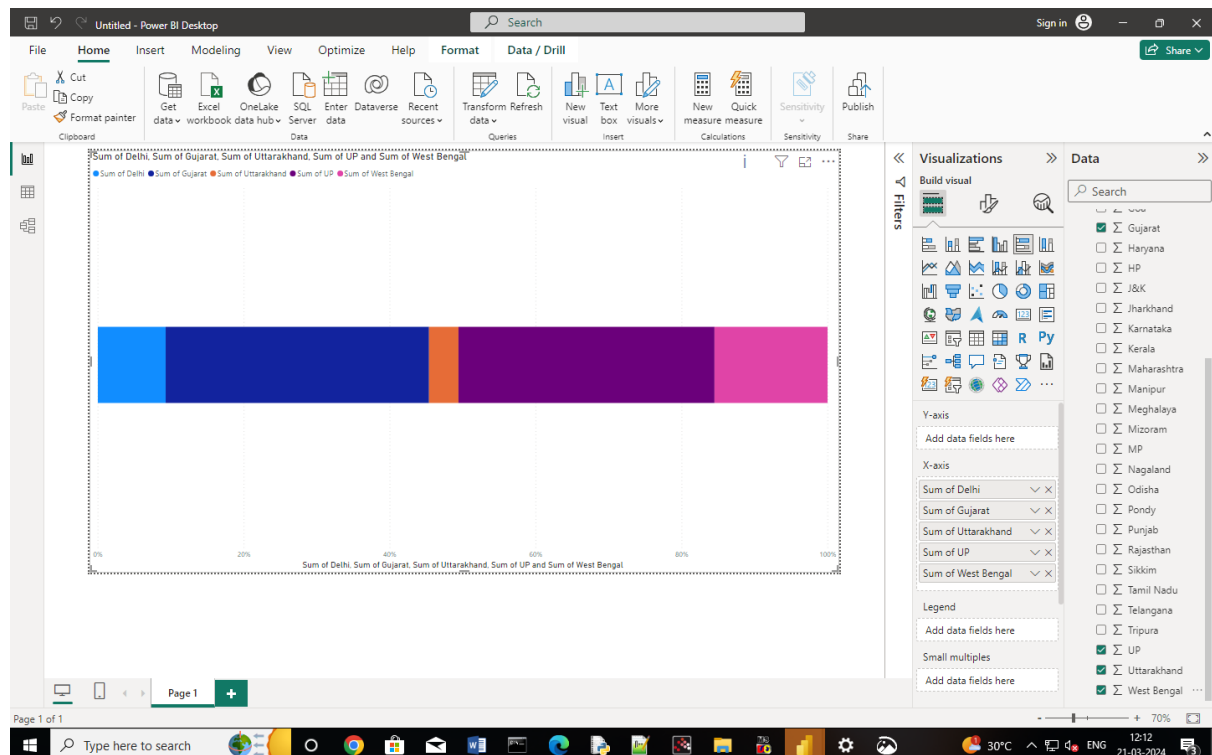
As we know, developing country like India has been promoting itself by enhancing various initiatives on all sectors and regions to achieve economic targets and for prepare to meet global competition for proclaim efficient nation. Accumulation of changes in energy consumption especially commercial energy pointed is indirectly spurs the problems on the consumption of non-commercial energy regularly consumes by rural people.

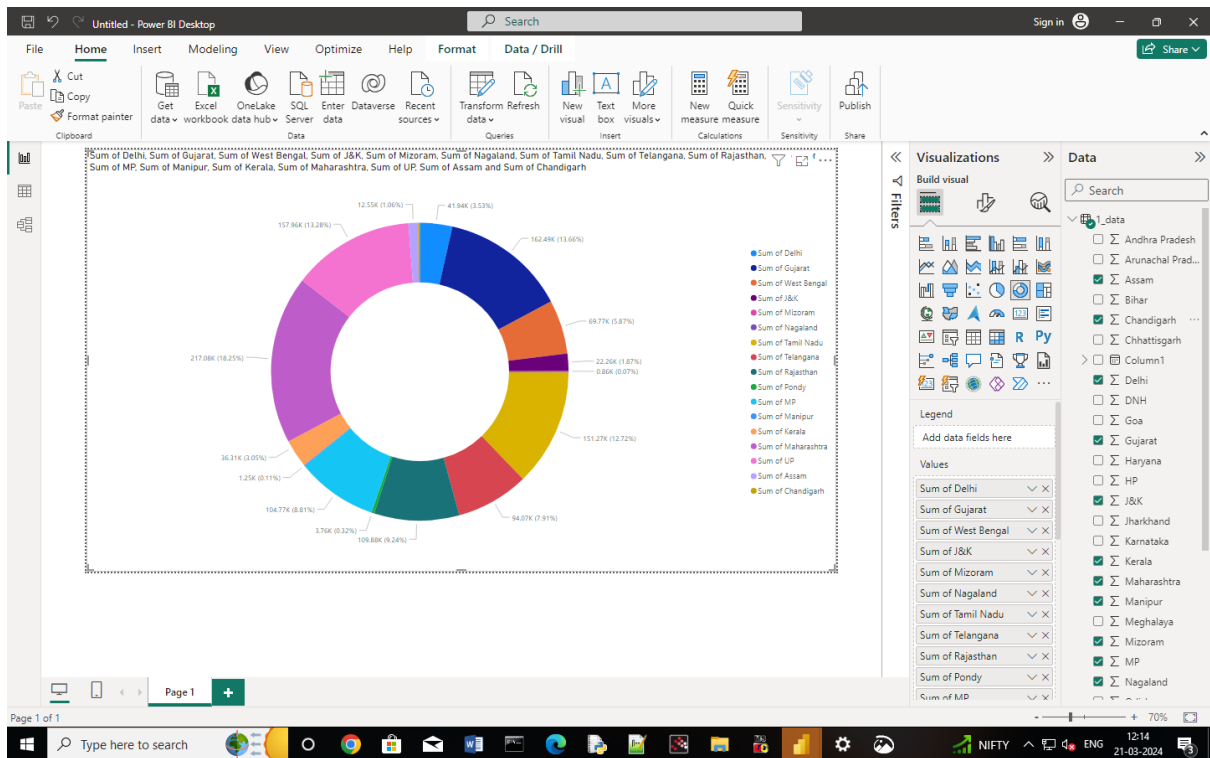
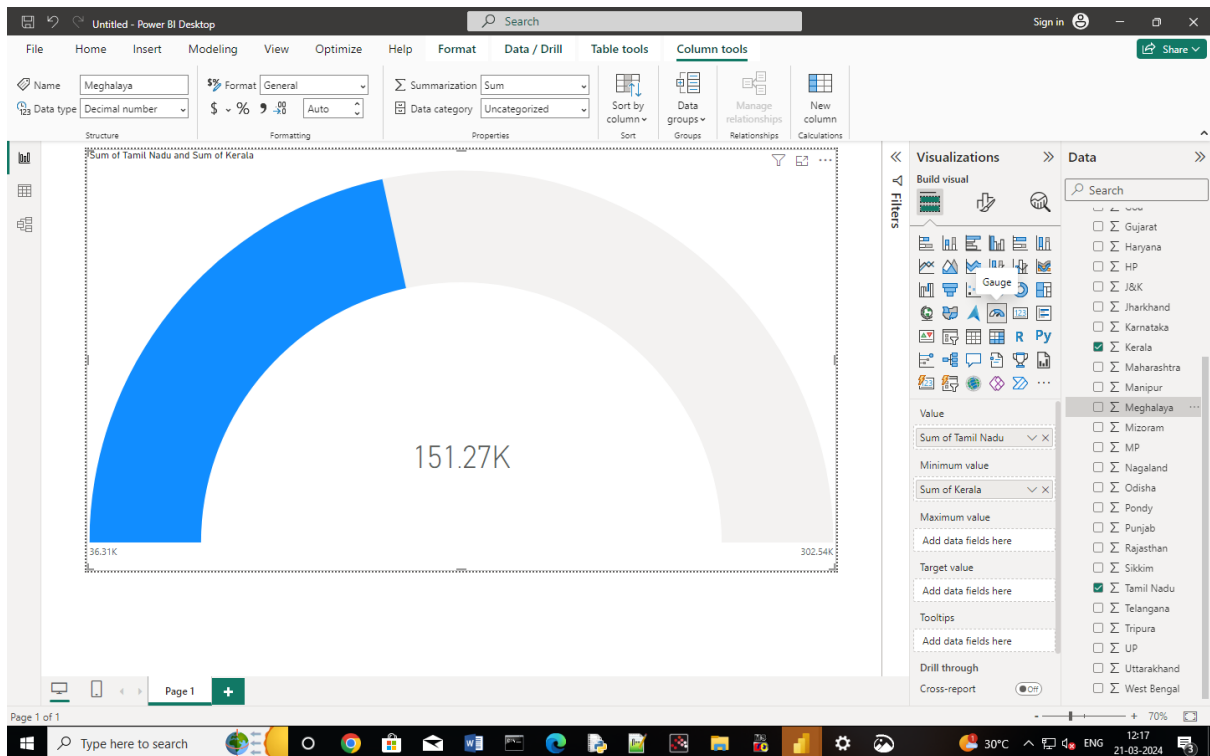
Commercial Energy:

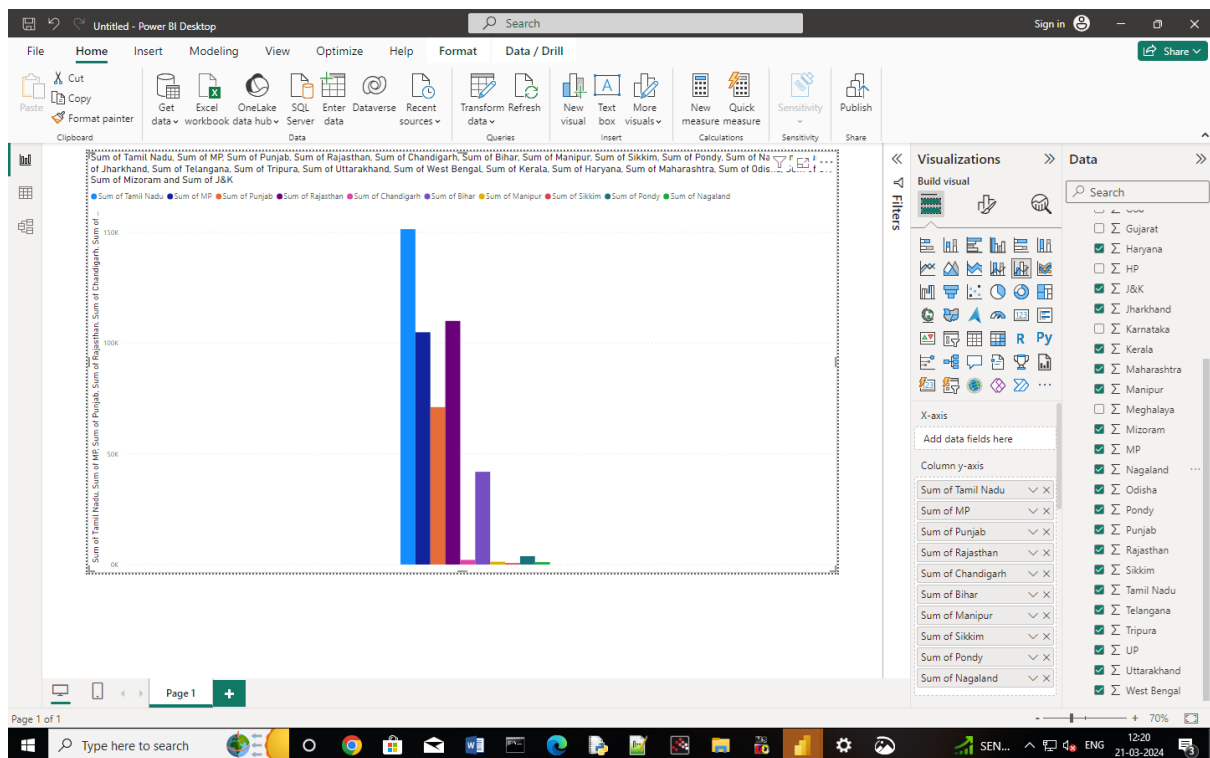
Further classification of energy is taken as Commercial and Non-commercial energy. Here under the headline describing about commercial energy that meant “Energy which paying for our consumption or bringing to market for sold” such as coal, Electricity, lignite, petroleum, LPG etc.

Energy Consumption :

Consumption process is an adequate performance of human beings for kinds of purpose that it depends upon several factors. Utilization of energy is based on existing requirements not based on efficient but the amount of it has been differs by sectors which have been progressing in India. Here, the study describing about commercial energy consumption trends in India. The energy consumption pattern has been unstable control and predict in developing country like India due to thrusting of targets towards growth. Major process of energy consumption is presented as commercial type in India. Because of people from here, for their entire needs of energy rely upon non-commercial type only due to easy to obtain, free of cost, available always, and sufficient existence etc. thereby people are consumes non-commercial energy over than their requirement and without no idea about future posterity and to keep energy sustain. Therefore, existence of non-commercial energy is go for nothing, scarce situation furtherand these will springingup among people. The major reason for the raising demand and limiting energy midst of people is over utilization and transiting this energy as commercial type.







CONCLUSION :

Based on the engraved statistical inferences pertained to commercial energy consumption in India has been fluctuating that resulted from found growth rate therein but 2014th result shows that begin to get develop compare to 2013th growth rate. While consider the total consumption of commercial energy, that has been mounting up year by year and found at 5.48percentin compound annual growth rate result. Consumption trends of Natural gas shows from 2008 onwards fluctuating status but 2011th result brought high 51.25 consumption ratio the reason for this result is, price of natural gas is inversely related to petroleum and coal price.

Reference:

<http://www.nber.org/papers/w8687>