

Analysis of Trading of Commodity from 2015-2021

This data shows the presentation of Trading of commodity from 2015-2021. It consists of Year, Transportation-mode, Direction, Weekday, Country, Value, Measure.

The presentation shows all the basic information with proper data and with Graph to understand easily. All the total count with total value is done in Presentation.

Dataset

The csv file (Excel) was downloaded online on website <https://www.stats.govt.nz/information-releases/effects-of-covid-19-on-trade-at-15-december-2021-provisional>. The basic idea was to knowledge of applying and analysing the dataset of trading in better format.

To learn more from practicing and doing this type of presentation. This data shows All name of the country, Commodity, etc-etc.

From this presentation it is easy to understand the trading of commodity, Highest trading to country, etc-etc.

This kind of analysis can be done using the data, by studying the factors such as:

- Year book of any Trading Company, Franchise, Industries or many more
- Record of import or export.
- What type of import and export are done.
- Highest Transportation to country.
- Mode of transportations.
- Measure of Payment
- Days of transportation

Tools & Libraries:

- Python • Jupyter Notebook • Pandas • Numpy • Seaborn • Matplotlib
- Plotly & Cufflin .

Data consists of following details:

Direction: Direction is described as Transportation of commodity such as Import, Export or reimports.

Year: Year of transportation of commodity. 2015 - 2021

Date: Specific date of transportation.

Days: Weekday of days of transportation. All days from Monday to Sunday

Country: Transportation of commodity to country China, Australia, East Asia (Excluding China), United States, Total (Excluding China), European Union, United Kingdom, Japan.

Commodity: All the commodity transported to country i.e., is: Milk Powder, Butter, Cheese, Meat and edible offal, Logs, wood, wood articles, Fish, Crustaceans, molluscs, Non-food manufactured goods, Electrical machinery and equip, Mechanical machinery and equip, Fruit.

Transportation Way: Transportation way is the method of delivering of commodity from place to place by air, sea or both.

Measure: Measure is the way of measuring the amount of commodity which is In dollar or tonnes.

Value: Value is the total value of commodity measures.

Cumulative: Cumulative is the increase in amount as per days or years.

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I looked at the different-different trends of the data and Below is a few highlights of the analysis.

- Highest Transportation of commodity is in exports.
- Transportation of commodity is slightly difference from day to day.
- 2015 – 2020 the transportation is good but in 2021 the transportation of Commodity is little less.
- China is high in number for exporting commodity.
- Measurement of Commodity is high in dollar as per tonnes
- Transport Mode is equally used by all country.
- All commodity are quietly high but milk powder, butter and cheese are quiet high in number by all country
- In 2015 – 2017 transportation ways are less as compare to uses from 2017-2021.