

# Data Visualization

Impact of Retail Price  
of commodities on  
wages of manual  
labour

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# Problem Statement

To plot graphs for a retail price of commodities and wages of manual labour in India for past 4 years(India) in Tableau.

Analyzing the datasets to study and review the effect of price inflation in commodities on labour wages.

Labour wage

Retail price

**Food price hike**

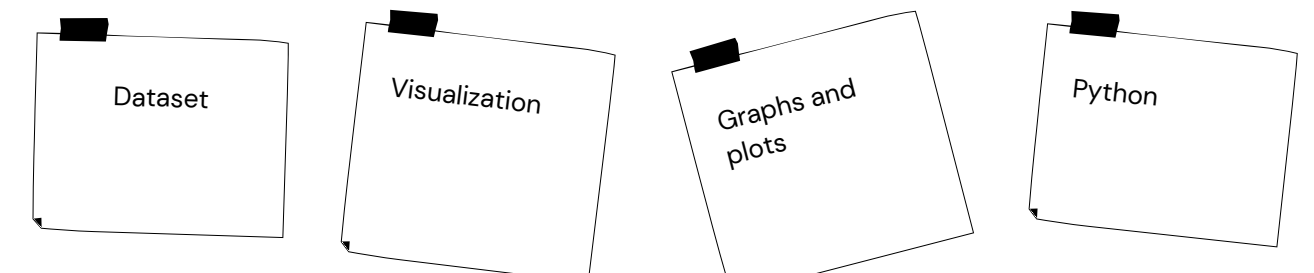
**Daily wages of  
labour**

# Objective

**To understand the effect of commodity prices on wages of manual labour and GDP.**

**To acknowledge labour productivity and food price inflation in India for the past 4 years and predict outcomes**

# About the Dataset



Let's get Started

**Datasets:** Retail price of commodities (India)  
Wages of manual labour (India)

**Source:** Kaggle

**Years:** 2016, 2017, 2018, 2019

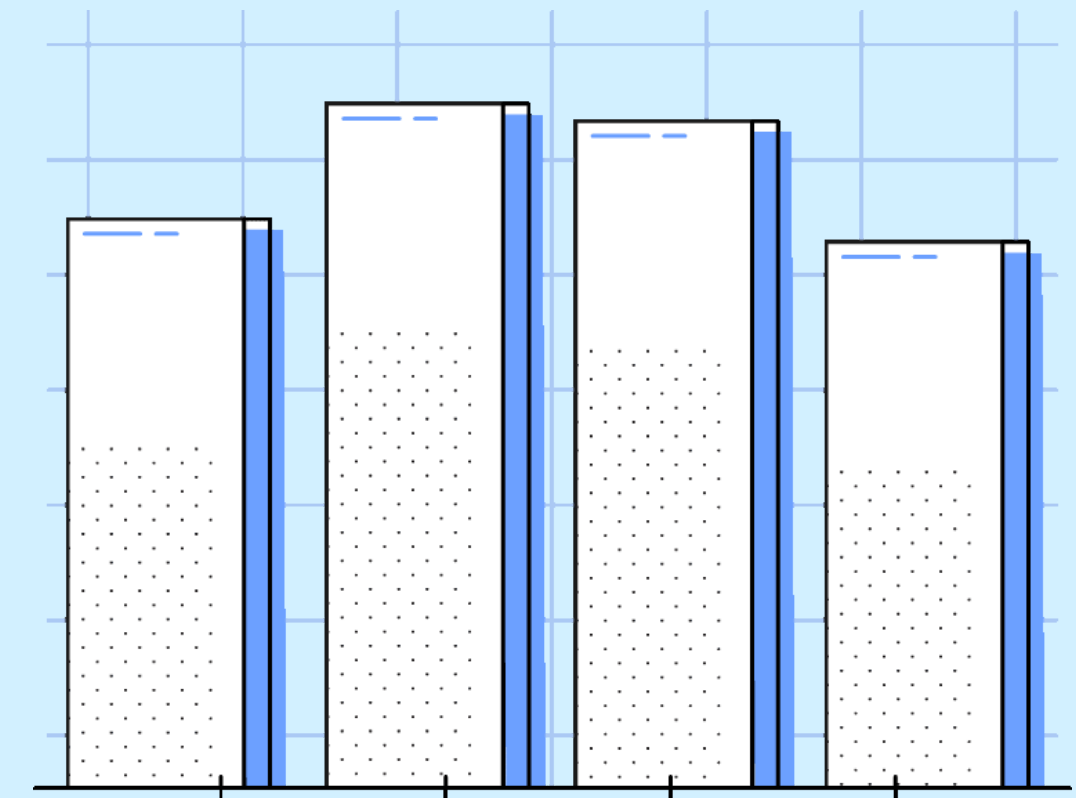
**Main contents:**

Commodity-Retail price

Labour Category-Labour Type-Wage(INR)

State-Centre-Month-Year

**Inner join on Month, Year columns.**



# Tools Learnt

Here we have mentioned the tools that we have utilized to clean, visualise, and predict the results on Retail price of commodities and Wages of Labour in India.

1

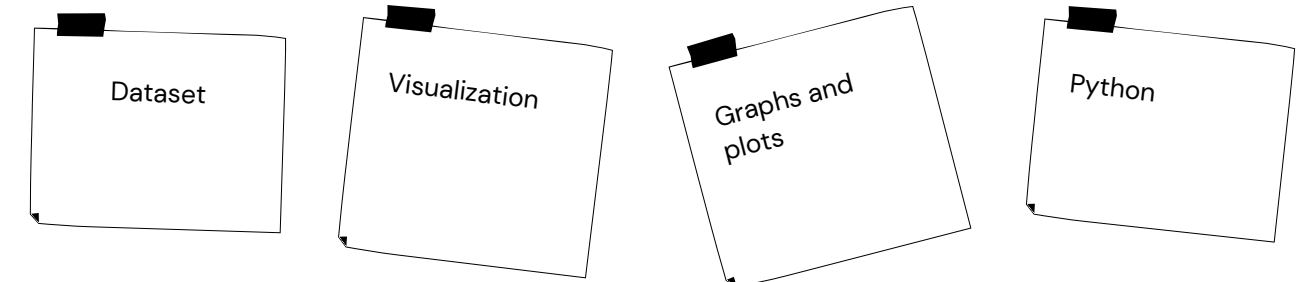
Python-Jupyter notebook for

- Data cleaning
- Data reduction
- Data preprocessing

2

Tableau for

- Data Visualization.
- Graphs
- Dashboards
- Actions and filters



## Result

**Hence data visualization by Tableau provides a clear idea of deep insights on how the rise in food price plays a dependent role on daily wages of labour**

# References

- 1 <https://www.kaggle.com/kk9969/retail-prices-of-commodities-in-india>
- 2 <https://tradingeconomics.com/india/gdp-growth-annual>
- 3 <https://youtu.be/ILN3GCgYtwo>
- 4 <https://www.focus-economics.com/countries/india>
- 5 <https://www.kaggle.com/kk9969/agriculture-manual-labour-daily-wage-in-india>

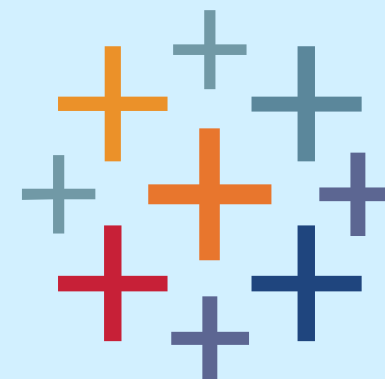
Tutorials



Dataset

kaggle

Data  
Visualization



Cleansing  
datasets





# Thank you!

Open to Suggestions  
and questions