POWER BI

DATA VISUALIZATION TOOL

A tool to work with data

1)Provides insights into data companies seek.
2)Transforms raw data into visually compelling insights.
3) Integrates data from multiple sources for unified analysis.
4) Implements data modeling and relationships to improve performance.

Types of PowerBI

1) PowerBI desktop
2) PowerBI Service
3) PowerBI mobile
4) PowerI report Builder
5) PowerBI report server

DAX measures, functions in Power BI

DAX – Data analysis Expressions

A formula language used in **Power BI.**

Allows one to **create new calculations** and **measures** on your data.

Eg: SUM(), AVERAGE(), MIN(), MAX() ETC..

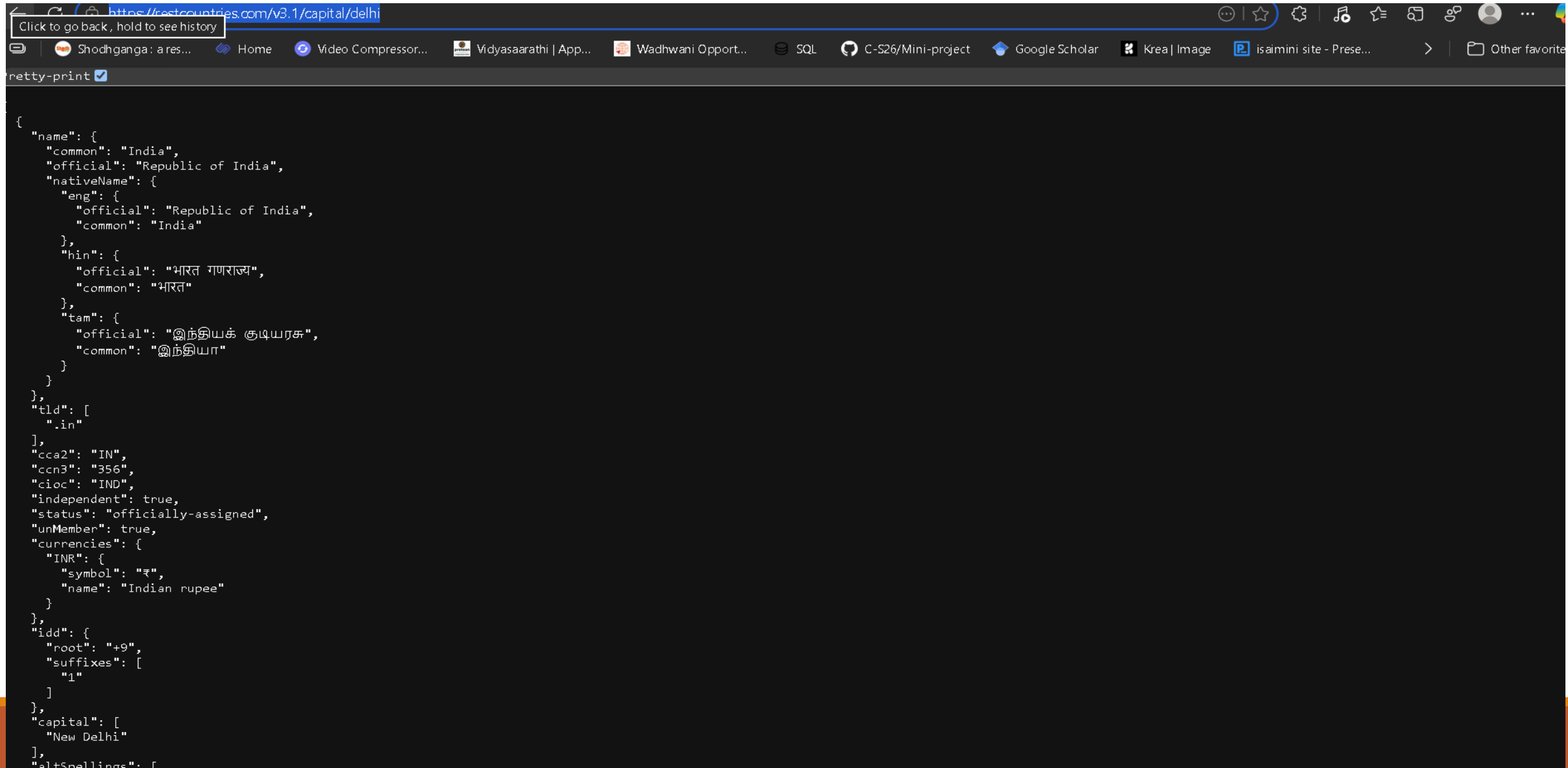# Problem statement:

Given a dataset of shopping mart, find out:
1)Brands revenue
2) Difference in price and discounted
3) Sales after discounted prize
Dataset type: ".csv " format
Columns: name, brand, price, discounted price, category, quantity

Using web app (API)

API's provide data in JSON format, as that can be viewed like this below:

```
https://restcountries.com/v3.1/capital/delhi

pretty-print ☑

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THANK YOU