JAYAGOPAL K

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LinkedIn GitHub Portfolio

Chennai, Tamil Nadu

Internship

Data Visualization and Analyst - TATA   (Tableau/MS PowerPoint)   August 2023

- I formulated eight key questions aligning with our CEO and CMO's interests, guiding the project effectively.
- Created four **Data visualizations** to tell each question's data story accurately and clearly.
- I used **Tableau** for creating visualizations. Prior to that, I applied filters to unit price and Quantity with a minimum of 1.
- I made a **presentation** and shared the valuable insights and analysis with the stakeholders.

Data Analyst - Accenture   (MS Excel/MS PowerPoint)   August 2023

- **Collaborated** with a team of analysts to understand client objectives and project requirements.
- I employed **Excel** as my primary tool. With over **25,552** reaction data points, I initiated the data cleaning process by removing null values and correcting misspelled words.
- Combined three separate sheets using **VLOOKUP** to enhance outcomes and visualization. And conducted analysis within Excel, employing functions like **SUMIF** and **COUNTIF** to derive insights.
- Developed impactful visualizations directly within Excel to present the data's **storytelling** effectively.
- Created a PowerPoint **presentation** to effectively communicate findings to the client.

Projects

COVID19 ANALYSIS — SQL/Tableau dashboard

- Analyzed the dataset from **March 2020 to August 2023** using **SQL** to gather insights.
- Implemented **JOIN** and **WHERE CLAUSE** techniques to combine two dataset and filter continent to create desire visualization.
- Utilized **Tableau** to craft engaging visualizations and an appealing **dashboard** for our stakeholders.

VIDEO GAMES SALES — Python

- This dataset contains information on video game sales and ratings from 1980 to 2016, comprising **16,720 rows** for analysis.
- Implemented **Python** to analyze the which game categories have higher sales and which platforms have more sales.
- Utilized libraries such as **NumPy, Pandas, Matplotlib**, and **Seaborn** for calculations and data visualization.
- After uncovering sales rates of **19.6% for action games** and **14.9% for sports games**, it's apparent they excel compared to other genres.

ROAD ACCIDENT IN INDIA (2017 To 2020) — Power BI

- I conducted **Data gathering** from the Open Government Data Platform (OGD) India, collecting 13 datasets.
- Implemented **ETL** processes to transform data into a structured format for analysis.
- Conducted **Data modeling** on the **13 datasets** to establish relationships between accident data, injuries, fatalities, and other relevant variables.
- Developed **Data visualization** and an interactive **Power BI dashboard** that showcased key insights and trends related to data design and **data management**.

Education

Master of Computer Appilcation – Madras Christian College – Tambaram, TN
CGPA: 8.23 | September 2021 – May 2023

Bachelor of Science in Computer Science – Guru Nanak College – Velachery, TN
CGPA: 8.2 | June 2018 – May 2021

Skills

- SQL (SQL Server, MySQL)
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Tableau / Power BI
- Python (Pandas, NumPy, MatPlotLib, Seaborn)
- R (Tidyverse - ggplot2, dplyr, tidyr, readr)

Certifications

Google Data Analytics Course - Coursera

Introduction to Python for data science - Microsoft

Front-End Web UI Frameworks and Tools: Bootstrap 4 - Coursera

Awards

First place in Software development contest for zoo ticket booking and parking.
Conducted by Arignar Anna Zoological Park on 19 October 2022.
Skills: Presentation, Public Speaking.

First place in the Innovation contest 2022
Conducted by MCC - IIC (Institution's Innovation Council) and MCC-EDU (Entrepreneurship Development Cell)
Skills: Presentation, Public Speaking.

Languages

Tamil

English

Telugu

Hobbies

Drawing
Reading (Nonfiction books)
Badminton