JAYAGOPAL K

7092038485 | jayagopal369@gmail.com
https://www.linkedin.com/in/jayagopal-k/
https://github.com/Jayagopal-web/
https://jayagopal-web.github.io/Jayagopal_portfolio/
Chennai, Tamil Nadu

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)
- Git

Internship Experience

DATA VISUALIZATION – TATA **–** (Tableau/MS PowerPoint)   August 2023

- I formulated eight key questions aligning with our CEO and CMO's interests, guiding the project effectively3.
- 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 NORTH AMERICA **–** (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

- Analysed 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   September 2021 – May 2023
CGPA: 8.23

BACHELOR OF SCIENCE IN COMPUTER SCIENCE – Guru Nanak College – Velachery, TN   June 2018 – May 2021
CGPA: 8.2

Certifications

GOOGLE DATA ANALYTICS COURSE ON COURSERA

INTRODUCTION TO PYTHON FOR DATA SCIENCE

FRONT-END WEB UI FRAMEWORKS AND TOOLS: BOOTSTRAP 4 ON Coursera

Awards

WON FIRST PLACE IN SOFTWARE DEVELOPMENT CONTEST FOR ZOO TICKET BOOKING AND PARKING
Conducted by Arignar Anna Zoological Park on 19 October 2022.

WON FIRST PLACE IN THE INNOVATION CONTEST 2023
Conducted by MCC - IIC (Institution's Innovation Council) and MCC-EDU (Entrepreneurship Development Cell)