ADARSH KAPOOR

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TECHNICAL SKILLS

Languages: SQL, Python (Pandas, NumPy), C, DAX, HTML, CSS
Database: PostgreSQL, MySQL, Microsoft SQL Server
Data Modelling: ETL (Extract Transform Load), Power Query
Analytics tools: Microsoft Power BI, Python (Matplotlib, Seaborn), Advanced MS Excel, Microsoft 365 Suite (PowerPoint, Word, Teams), Eclipse, Visual Studio, Oracle SQL

PROFESSIONAL EXPERIENCE

Aptocoiner Technologies, India
Business Intelligence Analyst   Sept 2020- May 2021

- Worked as a BI analyst by processing and collecting data from 10 million records and performed Exploratory Data Analysis using complex SQL queries to reduce data errors by over 80%.
- Analyzed the data by constructing pivot tables and used power query to clean and integrate sales data which provided crucial insights for a wholesale company based in Botswana, Africa.
- Used Power BI for modelling the data and designed dashboards to find the most relevant customers, most selling stores and other KPIs with different kinds of charts and complex DAX functions.
- Interacted and worked with the Business Users, gathering, and analyzing requirements and drafted status reports of the development and documentation of the whole process.
- Performed Exploratory data analysis to create recommendations for the client which helped in increasing the sales revenue of the client.

Infosys Ltd., Bengaluru, India
Systems Engineer   Jul 2018- Nov 2019

- Underwent comprehensive training in Python, Data structures and Database Management Systems in the first six months.
- Worked in a cross-functional team in an Agile environment performing data analysis and transformation on marketing data for a US based client having retail stores on the east coast.
- Cleaned around 5 GBs of data regarding customer demographics and sales from multiple sources and inputs from the client.
- Liaised with teams to gather requirements and performed modelling using power query and Microsoft SQL Server saving time by 2200+ man hours.
- Drafted status reports of the development and documentation of the testing process.
- Maintained dashboards using Power BI and pivot tables to analyze yearly data which allowed the clients to have a one-shop stop to make real-time decisions related to their sales and products.

EDUCATION

Quality Systems Engineering (Master of Engineering)   Sept 2021- May 2023
Concordia University, Montreal, Quebec
- GPA- 3.60

Electrical and Electronics Engineering (Bachelor's in Technology)   July 2014- May 2018
SRM Institute of Science and Technology, Chennai, India
- GPA- 8.49

ACADEMIC PROJECTS

Exploratory Data Analysis of Covid-19 data
- Conducted analysis of Covid-19 data regarding deaths and vaccinations from 2020 to 2023 using Excel, Microsoft SQL Server, and Power BI. Cleaned and formatted the data using excel and analyzed the results using complex SQL queries with CTEs and joins.
- The results from the queries were visualized using Power BI through bar charts and maps, to analyze the correlation between the number of deaths and vaccines administered and the country's economic status.
- Generated insights on various Key performance indicators including the percentage of fully vaccinated people across all countries in 2023 and death and infection rates by continent.

Adventure Works Sales Management
- Two tables including the information about overall sales by customer and products were extracted using SQL Server Management Studio for creating a data model from multiple CSV files.
- Created a power BI report where the first page contains overall sales information while the other two pages describe the necessary information about sales over time by products and customers. Transformed and cleaned the data in Power Query using star schema.
- Used different visualizations in Power BI to analyze and study sales trends by region and year, along with revenue and budget comparison.

Super Bowl Data Analysis using Python
- Performed data analysis on Super Bowl Data to produce results on the viewership and halftime performances. Used Pandas to clean data from different datasets and perform exploratory data analysis to gather key insights like the relationship between the advertisement costs and viewership.
- Used seaborn to visualize a scatter chart with the regression line for the relationship between the viewership and the difference in scores of the winning and losing team for each match.
- Used matplotlib to generate charts showing the most popular and longest half-time performances along with the number of songs performed.

CERTIFICATIONS

- Data Analyst in SQL (Career Track), DataCamp
- Fundamentals of Power BI, DataCamp
- Python Boot camp, Udemy

LANGUAGES

- English, French (FIA 112-2, Ministère de l'Immigration, de la Francisation et de l'Intégration), Hindi