



AVINASH KUMAR

+91 - 6260003528

avinashkumar10340@gmail.com

LinkedIn

PROFILE

Dedicated and results-oriented Data Analyst with proficiency in SQL, Python, and data visualization tools. Passionate about transforming raw data into meaningful insights to drive business strategies and enhance operational efficiency Seeking an opportunity to leverage analytical skills and contribute to data-driven decision-making processes within a dynamic team environment.

SKILLS

- MySQL (Basic to Advance):** Proficient in MySQL and Advanced SQL for efficient database management and querying.
- Microsoft Excel (Basic to Advance):** Skilled in Microsoft Excel and Advanced Excel functionalities for data analysis and reporting.
- Python (Basics, NumPy, Pandas):** Proficient in Python programming with expertise in NumPy and Pandas libraries for data manipulation and analysis.
- Microsoft Power BI:** Experienced in Microsoft Power BI for creating interactive data visualizations and dashboards.
- Statistics:** Strong understanding of statistical concepts and techniques for data analysis and inference.
- Tableau:** Proficient in Tableau for creating dynamic and insightful visualizations to derive actionable insights.
- Machine Learning (Basics, Linear Regression):** Familiarity with Machine Learning fundamentals and expertise in Linear Regression for predictive modeling.
- Data Visualization:** Skilled in creating visually appealing and informative data visualization to communicate insights effectively.
- Problem Solving:** Adept at identifying and solving complex problems using analytical and critical thinking skills.
- Data Cleaning, Data Preparation, Data Extraction:** Experienced in cleaning, preparing and extracting data from various sources for analysis.
- Statistical Analysis:** Proficient in conducting statistical analysis to derive meaningful insights and make data-driven decisions.
- Business Intelligence (BI):** Knowledgeable in leveraging BI tools and techniques to transform raw data into actionable insights for business improvement.
- DBMS:** Proficient in managing and optimizing relational databases for efficient data storage and retrieval.

WORK EXPERIENCE

Systems Engineer

Infosys Limited | Bangalore, Karnataka

Oct 2022 – Present

- Contributed to Team Success: Integral member of a dynamic team, actively engaging in day-to-day operations in project,demonstrating leadership and effective team coordination.
- Extensive knowledge of data analytics methodologies like **data cleaning, data visualization** and tools including **Python, SQL, Power BI**.
- Adept at identifying and solving complex problems using analytical and critical thinking skills.
- Rapidly grasps new concept and technologies.
- Experienced in **SQL database queries** and to perform **statistical analysis** to come up with insights and **making interactive dashboards**.

PROJECTS

Sales Analysis Dashboard Using Power BI

- Executed ETL Processes**, leveraging Power Query for data cleaning and **applying DAX** for calculated columns, resulting in a **20% enhancement in data accuracy**.
- Designed a data model in Power BI, defining relationships between different tables.
- Cleanse the data by handling missing values, correcting errors and removing duplicates to ensure data quality.
- Implemented slicers, filters and drill-down capabilities to enable users to explore and analyze sales data dynamically based on their specific requirements.
- Design a dashboard layout that showcases **key sales metrics and KPIs**, including total revenue, top-selling products, sales trends and customer acquisition.
- Developed a Power BI dashboard** leveraging 5 distinct features to enhance sales performance, **resulting in a 15% improvement**.

Medical Data Analysis-SQL Project

- **Improved data cleanliness** by updating the patient's table, achieving **20% enhancement** in dataset reliability.
- Cleanse the data by handling **missing values, correcting errors and removing duplicates** to ensure data quality.
- Applied **advanced table joins**, leading to the extraction of valuable insights and showcasing a deep understanding of **database structures and relationships**.
- Visualizing the analysis result using SQL-based visualization techniques and then exported the data to visualization tools like Power BI for further exploration.

Customer Churn Data Analysis using Power BI

- Explore the dataset to understand its structure, the types of variables and any missing values or outliers.
- Used **Power Query for data cleaning** and **applying DAX** for calculated columns, resulting in a **15% enhancement in data accuracy**.
- Design a data model by defining **relationships between tables** and creating calculated columns or measures for analysis.
- Aggregate and summarize data to create meaningful insights.
- Created interactive **visualization such as line chart, bar chart, pie chart** to explore trends and pattern in customer churn.
- Developed a **Power BI dashboard** to provide insights into customer behavior, **demographics and churn patterns**.

Child Abuse Data Analysis Using Power BI

- Gathered child abuse data from reliable sources such as **government agencies**, non-profit organizations, NGOs, research institutions.
- Cleanse and preprocess the **data, handling missing values** and standardizing data formats to ensure accuracy and consistency.
- Used **Power Query for data cleaning** and **applying Dax** for calculated columns, resulting in a **10% enhancement in data accuracy**.
- Created interactive visualization, including **maps, charts and graphs** to visualize patterns and trends in child abuse data by **geographic location, age group, gender**, etc.
- Developed a **Power BI dashboard** to present the key findings and insights in a user-friendly format.

EDUCATION

Visvesvaraya Technological University Belagavi, Karnataka	Aug 2018 - July 2022
MS Engineering College - Bachelor of Computer Science Engineering	CGPA 8.20
Kendriya Vidyalaya Bairagarh (Army Cantt) 12 th Bhopal, MP	Percentage 77.2
Kendriya Vidyalaya Bairagarh (Army Cantt) 10 th Bhopal, MP	CGPA 10

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate
- Infosys certified Python Associate
- Infosys Certified Database and SQL Professional
- Data Analytics Essential
- SQL (Intermediate) Certificate by Hacker Rank
- PwC Switzerland Job simulation on Forage
- Goldman Sachs Excel skills for Business Job simulation on Forage