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DARSHAN BUDDHABHATTI

Data Scientist

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Professional Summary

Detail-oriented and highly motivated **Data Science** and **Data Analysis** enthusiast with a solid foundation in **statistical analysis**, **data visualization**, and **machine learning**. Proficient in using tools such as **Python, SQL**, and **Tableau** to derive actionable insights from complex datasets. Eager to leverage analytical skills and technical expertise to contribute to data-driven decision-making in a dynamic organization

Skills

- **Mathematics**
- **Machine Learning**
- **SQL**
- **Data Visualization**
- **Data Analysis**
- **Numpy**
- **Seaborn**
- **Scikit-Learn**
- **Matplotlib**
- **Pandas**
- **Power BI**
- **Tableau**
- **Problem Solving**
- **Time Managent**
- **MS Excel**
- **Critical Thinking**

Education

- **Master of Science (Mathematics)**
  2017 - 2019
- **Bachelor of Science (Mathematics)**
  2014 - 2017

Projects

E Commerce Data Analysis:

https://github.com/darshan208/E_Commerce-Analysis

- **Objectives:** Developed and optimized complex **SQL queries to analyze large datasets**, uncovering **trends in customer behavior**, **product sales**, and **order patterns**.
- **Tools Used: SQL**
- **Key Contribution:** Analyzed **customer behavior**, **product performance**, and **order trends** to identify key insights for **improving sales strategies**.

Air Fare Price Prediction:

https://github.com/darshan208/Air-Fare-Price-Prediction

- **Objectives:** Built a **predictive model** using **machine learning algorithms** to forecast airline ticket prices based on historical data.
- **Tools Used: Python** (**Pandas**, **Numpy**, **Matplotlib**, **Seaborn**, **Scikit-Learn**)
- **Key Contribution:** Implemented machine learning algorithms like **Linear Regression, SVR** and **Random Forest** to predict ticket prices with **improved accuracy.**

Smartwatch Data Analysis and Price Prediction:

https://github.com/darshan208/Smartwatch-Analysis

- **Objectives:** Analyzed smartwatch data and developed a **predictive model** for **forecasting prices** based on features and market trends.
- **Tools Used: Python** (**Pandas**, **Numpy**, **Matplotlib**, **Seaborn**, **Scikit-Learn**)
- **Key Contribution:** Performed **exploratory data analysis** to identify key trends in smartwatch features, pricing, and user preferences. Developed a **machine learning model** using algorithms like **Decision Trees** and **SVR** to predict smartwatch prices based on specifications and market data.

Uber Rides Data Analysis:

https://github.com/darshan208/Uber-Rides-Analysis

- **Objectives:** To analyze and visualize Uber ride data to uncover **patterns in ride frequency, location trends, and pricing** for strategic insights.
- **Tools Used: SQL, Tableau**
- **Key Contribution:** Developed SQL queries and Tableau dashboard to analyze **Uber ride patterns**, **peak times**, **geographical trends**, **visualize key metrics**, and provide **actionable insights** for operational improvements.