Shaik Ahmad Basha

My portfolio

+91 9100186611 | ahmadshaik982basha@gmail.com

LinkedIn| GitHub

EDUCATION:

Sri Venkateswara University College of Engineering   **2018 - 2022**
Bachelors in Chemical Engineering || CGPA: 7.63

SKILLS:

Data Analysis| Data Management| Data Visualization | Reporting | Coordination | Understanding Needs| Data integrity| Data validation| Statistical analysis

TECHNICAL SKILLS

- **Python**- Programming, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Web Scraping
- **SQL-** Data Definition Language (DDL), Commands, Data Manipulation Language (DML), Joins, Case, CTE, Views, Stored Procedures
- **Power Bi**- Extract, Transform and Load (ETL), Data Modelling, DAX, Filters, Data findings through visualizations
- **Excel**- Data cleaning, Functions and Formulas, Pivots, Charts, Lookups, Power Pivot, Power Query, Conditional Formatting

PROJECTS EXPERIENCE & VIRTUAL INTERNSHIP:

Climate Change Analysis [Python | Excel | Power BI] **GitHub | Dashboard**   **May 2023**
- Conducted comprehensive data analysis to study the **impact of greenhouse gas emissions on climate change.**
- Utilized acquired emissions and temperatures data and applied **correlation** and **regression** analysis to identify patterns and relationships. Designed **Power BI dashboards** to communicate project findings.
- Highlighted **top emitting countries**, **sector**-**wise emissions** and **trends** over time.

Bike Sharing Demand Prediction [Python | Machine Learning] **GitHub**   **Feb 2023**
- Developed **Supervised ML** model to predict the bike count required at each hour, with a stable supply of rental bikes and reduced waiting time for users.
- Treated outliers, applied **one-hot encoding** for categorical variables, checked **multicollinearity**.
- After applying several supervised machine learning models to predict bike count, **XGBoost Regressor** performed better than other models with **R2** score of **91.6%** on the training data and **91.2%** on the test dataset.

Hotel Booking Analysis [Python | Data Analysis| Tableau] **GitHub | Dashboard**   **Dec 2023**
- Implemented an **Exploratory Data Analysis** on a dataset of Airbnb listings, using **python** to clean and transform the data and generate meaningful insights.
- Crafted **visualizations** to analyze patterns and trends in the dataset, identifying key factors that influence listing prices.
- Created a **dashboard** using **Tableau** to present the findings of the analysis, showcasing the most important trends and insights.

Play Store App Review Analysis [Python | Data Analysis] **GitHub**   **Nov 2022**
- Executed comprehensive **Exploratory Data Analysis** on Play Store app data, extracting valuable insights into categories, ratings, and installs.

- Employed effective data **visualization** techniques, including **bar charts** and **heatmaps**, to communicate findings.
- Analyzed user reviews to understand **sentiment trends**, aiding developers in strategic decision-making for app improvements.

. Internship Program (AlmaBetter):

- Acquired hands-on experience with **Python**, **SQL**, **Tableau**, **Power BI** and **Scikit-Learn** through a series of practical assignments and projects.
- Applied **Python** for comprehensive data analysis, utilizing libraries such as **Pandas** and **NumPy**, and leveraged data visualization techniques to present insights effectively.
- Performed **statistical** and **predictive modeling** including **machine learning**, to derive actionable insights and enhance decision-making.
- Carried out **data cleaning** initiatives to ensure dataset accuracy and reliability, following data quality best practices.

CERTIFICATIONS / AWARDS:

- Full Stack Data Science by AlmaBetter
- Python for Data Science
- Mathematics for Data Science
- Business Statistics by NPTEL Online Certification
- Gold Badge in Python and SQL | **HackerRank**