Parth Gandhi

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About Me

Driven data analytics student with expertise in **SQL, Python, Tableau, and Power BI**, passionate about applying data to solve business problems. Experienced in **statistical analysis, predictive modeling, and dashboard development**, with projects spanning **ML deployment, NLP, and time series forecasting**. Pursuing a **BSc in Data Analytics** to build a career in **data science and analytics**.

Education

BSc in Data Analytics   **2023 – Present**
Delhi Skill and Entrepreneurship University, Delhi
- Currently in 5th semester.
- Proficient in SQL,Python,Power BI, Advanced Excel,Machine Learning ,NLP and Time series forecasting

Projects

CI/CD Pipeline for Iris Dataset Model Deployment
- Built and deployed a machine learning model on the Iris dataset using **Python and Scikit-learn**.
- Designed a CI/CD pipeline with **GitHub Actions** to automate model testing, building, and deployment.
- Exposed the model as a REST API and deployed on **Render**, enabling real-time predictions.
- Verified API endpoints and responses with **Postman**, using **Git & Git Bash** for version control and deployment.

Text Emotion Detection Using Python and Streamlit
- Developed a web app using **Python**, **NLP**, and **Machine Learning**.
- Trained models (e.g., Logistic Regression) to detect emotions from text.
- Streamlit UI for real-time emotion prediction.
- Detected emotions: **joy, anger, fear, sadness, surprise**, and **love**.

COVID-19 Impact Analysis Dashboard (Tableau)
- Built an interactive dashboard visualizing trends and recovery rates.
- Performed time-series analysis to identify peak periods and high-risk regions.

Power BI Zomato Restaurant Analysis
- Analyzed 8,652 restaurants across 43 cities for key insights.
- Visualized cuisine types, pricing trends, and location densities.
- Found North Indian cuisine to be most dominant.

Skills

- **Programming Analytics:** Python, SQL
- **Visualization Tools:** Tableau, Power BI, Excel (Advanced)
- **ML Data Science:** Scikit-learn, NLP, Predictive Analytics,CI/CD pipeline
- **Coursework:** Data Structures, Statistics, DBMS, Linear Algebra, OS, Networks

Experience

Data Analyst Intern – IBM (Project-Based)   **Jun 2024 – Aug 2024**

- Cleaned and processed datasets using Python, Pandas, and NumPy.
- Built insightful visualizations in Tableau and Excel.
- Reduced data prep time by 30% via workflow automation.

Extra-Curricular Activities

- Participated in Code Sparda Hackathon at DSEU.
- Completed 3-day Power BI workshop by Skill Nation.
- Attended Tableau workshop by DSEU and IMPS Pro School.