Parth Gandhi

✉ parthgandhi246@gmail.com ☑ | 📞 +91-7982404835 ☑ | in LinkedIn ☑ | ○ GitHub ☑ | 🌐 Portfolio ☑

About

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 B.Sc 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 • CGPA: 8.9/10.0 (Upto 4th Sem)

Projects

Alzheimer's Disease Detection using Deep Learning
- Engineered a Deep Learning model (CNN) using TensorFlow to classify MRI scans into 4 stages of dementia with high accuracy.
- Implemented robust data preprocessing using ImageDataGenerator for augmentation (zoom, shear, flip) to reduce overfitting.

CI/CD Pipeline for Iris Dataset Model Deployment
- Built and deployed a machine learning model on the Iris dataset.
- 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.
- Tested API endpoints with Postman and managed deployment using Git & Git Bash.

Text Emotion Detection using Python and Streamlit
- Developed a web app using Python, NLP, and Streamlit; trained models (e.g., Logistic Regression) to detect emotions.
- Streamlined UI for real-time emotion recognition.
- 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.
- Visualized testing patterns, vaccination rates, and recovery insights.

Power BI Zomato Restaurant Analysis
- Analyzed 8,652 restaurants across 43 cities for key insights.
- Visualized cuisine types, pricing trends, and location densities using Power BI.

Skills

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

Certifications

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.

Solutions Architecture Job Simulation (AWS) **November 2025**
- Completed a job simulation developed by AWS to replicate the work of a Solutions Architect.
- Demonstrated ability to translate business needs into technical infrastructure solutions.

Extra-Curricular Activities

- Participated in Amazon ML challenge 2025
- Participated in code sparda Hackathon at DSEU
- Represented school at Zonal level in cricket