

Mansi Choudhary

Data Scientist

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PROFILE

Aspiring Data Scientist with 6 months of internship experience in data science. Proficient in Python, SQL, Power BI, Power Point and machine learning techniques. Currently expanding expertise in deep learning. Adept at analyzing complex datasets to drive business insights and enhance decision-making processes.

SKILLS

Technical

Python, SQL, Power BI, Tableau, Numpy, Pandas, Seaborn, Matplotlib, ML, Colab, Jupyter

Relevant Coursework

Statistics, Programming for Data Science, Machine Learning

PROFESSIONAL EXPERIENCE

Spinnaker Analytics

02/2024 – 08/2024

Data Scientist Intern 📧

- Developed a **machine learning model to identify crime hotspots in Los Angeles using LAPD crime data**. Utilized Python for data preprocessing, model development, and evaluation, along with geospatial analysis to visualize crime patterns. 📧
- Built and tested **LSTM, GRU, and RNN models for movie review sentiment analysis**. Selected the LSTM model as the best-performing, achieving high accuracy. Used **Python and NLP techniques** for data preprocessing and model development. 📧
- Developed a **machine learning model to predict Power Consumption in Zone 3 Area**, enhancing energy management and efficiency. **Utilized Python for data preprocessing, model development**, and evaluation. Leveraged **Power BI to visualize data trends**. 📧
- Conducted **Product Clustering Analysis** using historical sales data to identify patterns and enhance market insights. **Utilized Python and machine learning techniques to segment products effectively**. 📧
- Used Python and machine learning libraries to analyze and predict **Credit Card Fraud Detection, identifying patterns and anomalies**. Developed and implemented models to **detect fraudulent transactions**, improving security measures. 📧

Aptech

Trainee – Junior Server Administrator 📧

- Managed multiple server environments, network infrastructure, and SQL databases for diverse projects

PROJECTS

Stroke Prediction 📧

- Developed a comprehensive data science project aimed at predicting the likelihood of stroke in patients.
- Conducted extensive exploratory data analysis (EDA) to understand data patterns and relationships.
- Utilized machine learning techniques and feature scaling to build and optimize predictive models.

Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - July 2024 📧

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

CERTIFICATES

Data Science (Boston Institute of Analytics) [!\[\]\(529949c2c3dadbaa4e538e8c643454bc_img.jpg\)](#)

Awarded a certificate from Great Learning for completing an online SQL course

Awarded a certificate from AWS for completing Machine Learning Terminology and Process

Artificial Intelligence (Boston Institute of Analytics) [!\[\]\(0f848bbd71cef6b345273b16f905912a_img.jpg\)](#)

Awarded a certificate from Great Learning for completing an online Data Science with Python course

Awarded a certificate in Smart India Hackathon, 2022(SIH)

Completed Tata Group's Data Visualisation: Empowering Business with Effective Insights on Forage. [!\[\]\(de95854c7ee024cfadc48187bbb781b2_img.jpg\)](#)

Awarded a certificate from Great Learning for completing an online Data Visualization with power BI

EXTRACURRICULAR ACTIVITIES

- Served as Team Leader, representing my team in the National Level Smart India Hackathon, 2022 (SIH)
- Served as the Vice Chairperson for the college event TECHBIT 3.0 (2022-2023)
- Functioned as a Coordinator in the Department of Placement Cell(2021-2022-2023)
- Served as the Head of Department for the college event Adroit(2022)

EDUCATION

Graduation

Tolani College - B.Sc.IT - March 2023

HSC

Bhavans College Of Science - July 2020