

Chandan Malakar

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SUMMARY

I am passionate about tackling real-world problems through data-driven solutions. I have academic experience in working with Python, machine learning techniques, SQL, and tools for creating visual insights like Matplotlib, Seaborn, and Power BI. I'm comfortable managing the entire process—gathering data, cleaning it up, building models, and deploying them. I enjoy turning data into meaningful insights and creating interactive dashboards that communicate findings clearly. Always eager to learn more, innovate, and contribute positively in team environments.

PROJECT

Twitter Sentiment Analysis

- Developed a sentiment analysis model to classify tweets as positive, negative, or neutral for social media brand monitoring.
- Achieved an F1-score of 0.88 on test data using a Naive Bayes classifier and TF-IDF for feature extraction.
- Preprocessed tweets by removing stopwords, URLs, and hashtags for cleaner data.
- Deployed the model via AWS EC2, enabling real-time sentiment classification.

Laptop Price Predictor

- Created a regression-based machine learning model to predict laptop prices based on specifications such as processor, RAM, storage, and GPU.
- Enhanced model performance by performing hyper parameters tuning.
- Built a user-friendly web interface using Streamlit for users to input laptop specifications and receive price predictions instantly.

SKILLS

Programming: Python (NumPy, Pandas, Scikit-learn), SQL (MySQL)

Machine Learning: Supervised & Unsupervised Learning, Feature Engineering, Model Training

Data Visualization: Matplotlib, Seaborn, Power BI

Data Processing: Data Wrangling, Data Visualization, Hypothesis Testing

Deployment: Flask, Streamlit, AWS EC2, PythonAnywhere, Render

Tools: Git, Jupyter Notebook, VS Code

Soft Skills: Effective Communication, Problem-Solving, Team Collaboration, Adaptability

EDUCATION

Vinayaka Missions Research Foundation

B.E, Computer Science Engineering

- Achievements: CGPA: 9.4 (till 3rd Year/5th Semester)

JKS Inter College of Commerce

Higher Secondary

Aug 2020 - May 2022

CERTIFICATIONS

MongoDB Certification: MongoDB

Data Visualization with Python: IBM

Hands On Python Data Science: Udemy