KANISHK KUMAR

+91 8791103663 | 22f1000386@ds.study.iitm.ac.in | Linkedin | Github.com/Kanishk90

SUMMARY

Ambitious and motivated Data Science student at IIT Madras with a strong foundation in Python, SQL, Machine Learning, worked in developing data-driven solutions and predictive models. Looking for a position as a Data Science Intern where I can use my skills to achieve organizational goals.

EDUCATION

Indian Institute of Technology   Chennai, Tamil Nadu
Degree Level - Bachelors in Data Science and Applications
CGPA- 7.6   *Jan. 2022 – May 2026*
IIMT University   Meerut, Uttar Pradesh
Bachelor in Science – P.C.M
Percentage – 80%   *Aug. 2018 – May 2021*

PROJECTS

Real Estate Price Prediction Web Application 🔾 | *FastAPI, Python, ScikitLearn, Seaborn*   *May 2025 -*
- Developed a full-stack real estate application that predicts housing prices based on scraped data from real estate websites.
- Automated data collection using web scraping (BeautifulSoup), followed by preprocessing, feature engineering, and model training using machine learning algorithms.
- Built and deployed a price prediction model using Scikit-learn, delivering accurate estimates based on location, size, and other property features.

Library Management System [v1 & v2] 🔾 | *HTML, CSS, Flask, SQLAlchemy, Flask Restful, Vuejs*   June 2024 – Aug 2024
- Developed a fully functional web application using the Python Flask framework, SQLAlchemy, and Vue.js for front-end Integration.
- Applied MVC architecture to ensure separation of concerns, enhancing maintainability and scalability of the system.
- Integrated additional features such as user authentication, session management, Celery and Redis for asynchronous tasks.

Predict the Success of Bank Telemarketing k | *Pandas, NumPy, Scikit-learn, Matplotlib,Kaggle*   Sept 2023 – Oct 2023
- Analyzed data from direct marketing campaigns of a banking institution, focusing on phone-based telemarketing to predict whether a client would subscribe to a term deposit ('yes' or 'no').
- Developed a logistic regression model achieving a 78% accuracy in detecting successful campaigns.
- Implemented ensemble techniques to address data imbalance, improving model efficiency and achieving robust predictions.

TECHNICAL SKILLS

Languages: Python, SQL (Postgres), HTML/CSS, Java
Frameworks: Flask, Junit, FastAPI, Power BI
Developer Tools: Git, VS Code, Eclipse, Jupyter Notebook/ Colab, Pycharm, Excel
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn
Soft skills: Presentation Skill, Report Building, Excellent Communication

Course works

- AI Search Method and Problem Solving.
- Deep Learning
- Machine Learning Foundation; Technique; Practice.
- Software Engineering and Testing

Certificates

- Developing Soft Skill and Personality (NPTEL), Patent Drafting for Beginners (NPTEL), Social Networks (NPTEL)