PRAGATI KHANDELWAL

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EDUCATION

Medi-Caps University — Indore, Madhya Pradesh
Bachelor of Technology in Computer Science and Engineering — *September 2020 – July 2024*

TECHNICAL SKILLS

Languages: Python, SQL, MATLAB
Libraries/Frameworks: Tensorflow, Keras, Scikit-learn, Pytorch, Hadoop, Flask, XGBoost, NLTK, spaCy,
Databases: MongoDB, MySQL
Platforms/Tools: Jupyter Notebook, Anaconda, Tableau, AWS, Git, Postman, Docker

EXPERIENCE

GenieTalk.ai [Data Science, AI] — Indore
Artificial Intelligence Intern — *June 2022– September 2022*

- Worked on rasa and sentiment analysis using nlp and machine learning algorithms.
- Worked on intent classification with machine learning and deep learning algorithms and explored opencv and tesseract for computer vision.
- Built chatbots using core python and flask and API's.

Let's Grow More [Data Science] — Remote, Indore
Data Science Intern — *January 2022 – February 2022*

- Learned about decision trees and linear regression on iris dataset. Also worked on stock price prediction.

PROJECTS

Tweet Classification [NLP, Machine Learning] — September 2022

* Used Kaggle dataset and applied data preproccessing and cleaning on the dataset before applying NLP. Built a LinearSVC model for tweet classification for supervised learning.

ChatBot Development [Sentiment Analysis] — December 2022

* Developed a chatbot using Python and NLP techniques to provide customer support and automate tasks. I used Python, spaCy, and Dialog Flow for building the chatbot.
* I designed the dialog flow of the chatbot and overcame the challenge of integrating the chatbot with the organization's legacy systems by implementing custom APIs and data pipelines.

Alzheimer's Disease Classification[CNN] — March 2023

* Alzheimer's disease classification using CNN is a machine learning technique that involves training a CNN model to accurately classify brain scans as either indicative of Alzheimer's disease or not
* The model is trained using a dataset available on kaggle of labeled brain scans and is optimized using hyperparameter tuning. Once trained, the model can accurately classify new brain scans as either indicative of Alzheimer's disease or not.

CERTIFICATIONS

* **Intermediate Python**
* **Data Scientist with Python**
* **Intermediate Machine Learning**
* **Intermediate Deep Learning**