BARATH M

DATA SCIENTIST

CONTACT

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GitHub
https://github.com/Barathsmart

Linkedin
https://www.linkedin.com/in/barath-m-88b96a1a0

EDUCATION

2018-2022
BE - computer science and engineering

Dhirajlal Gandhi College of Technology, Salem.
CGPA - 8.2

LANGUAGE

- Tamil
- English

PROFESSIONAL SUMMARY

I am a passionate Data Scientist. I am enhancing my knowledge with the latest development in the field of Data Science, focusing on Feature Engineering, Data pre-processing,and Model training and Model deployment .

WORK EXPERIENCE

Machine Learning Enginner at TuringMinds.ai   **Dec(2021)-present)**

- Applied different methodologies to clean the raw data.
- analyze large, complex datasets to extract insights and decide on the appropriate technique
- Learned end-to-end deployment for data science projects with Documentation.
- Learned comparative analysis of machine learning algorithms on different datasets

CERTIFICATIONS

- Post Graduate Program in **Data Science** at **INSOFE** and **Case Western Reserve University (USA)**
- Completed a certification on Red Hat System Admin(RHCSA)in **Livewire**.

MY SKILLS & EXPERTISE

- Python
- Deep Learning
- Machine learning
- Data modeling
- Model Tuning &EValuation
- Model Deployment

PROJECTS

NO CODE AI :

- no-code AI projects offer accessibility, rapid prototyping, and customization as key benefits.
- making it easier for a wide range of users to create, test, and deploy AI applications without having to write any code
- our project is more accessible to individuals with little to no coding experience.
- Worked on various **NLP** projects from scratch to deployment with an MLops approach.

CUAD PROJECT(LEGAL CONTRACT UNDERSTANDING):

- used an **OCR** (Optical Character Recognition) library **Tesseract** to extract text from images. then filtered the extracted text to only include keywords I'm interested in.
- defined a set of rules that determine how closely the extracted keywords match the keywords I'm interested in. Used keyword extraction and semantic similarity to perform this matching.
- The model will extract the information from PDF with where the text is located that highlighting also.