DATA SCIENTIST

RAHUL DANU

GET IN CONTACT

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PERSONAL PROFILE

A passionate Data Scientist having experience in predictive modeling, data processing, machine learning algorithms, and deep learning SOTA models to solve challenging business problems. Strong background in Python and knowledge of various types of deep learning techniques.

AREAS OF EXPERTISE

- NLP
- Deep learning
Machine learning
- computer vision
- python

WORK EXPERIENCE

MACHINE LEARNING INTERN
ineuron.ai – Bengaluru, Karnataka
June 2020 to Present

Here I worked in building deep learning solutions like a Vision-based attendance system, NLP information
bot for colleges, workplaces, businesses, and a customized machine learning approaches for an end-to-end pipeline, etc.

AWARDS / ACHIEVEMENTS

Added Hind_encorp dataset in Hugging face datasets
September 2020

https://huggingface.co/datasets/hind_encorp

IBM Quantum Challenge – Fall 2020
December 2020

https://www.youracclaim.com/badges/41a1d964-73a3-4a9d-8649-1274a262ed0c

OTHER SKILLS

- The ability to analyze complex technical information
- Can analyze, design and implement machine learning solutions
- Detail oriented
- Excellent problem solver

PROJECTS

FAULTY WAFER DETECTION
https://wafferfaultdetection.herokuapp.com

▪ In this project, we have to create a system that will show when a Particular wafer needs maintenance or replacement.

1. Responsibilities:

▪ To build and Train a different Machine Learning Model using The customized machine learning approach.
▪ Multi cluster multi-model approach.

1. Tech stack
▪ cloud: AWS (Heroku only for showcasing a subset of the demo)
▪ DB: SQL- lite in-memory DB
▪ language: python
▪ Core Models: kmeans++, random-forest, xgboost, etc
▪ Data: a batch of data with 590 features per file

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MEGATRON A BOT FOR ALL NEEDS

https://megatron7.herokuapp.com/
▪ THIS BOT CAN BE USED IN DIFFERENT DOMAINS FROM EDUCATION, HEALTHCARE, BANKING, ETC.
▪ BOT MADE FROM SCRATCH WITHOUT USING ANY PREEXISTING FRAMEWORKS.
▪ THIS BOT CAN BE CONTROLLED BY THE BUSINESS ADMIN VERY EFFORTLESSLY AND THEY CAN MODIFY IT ACCORDING
TO THEIR NEEDS.

1. TECH STACK
▪ cloud: AWS (Heroku only for showcasing a subset of the demo)
▪ DB: MongoDB
▪ language: python
▪ Core Model: Distil BERT
▪ Data: in house 2.5 Million records of data

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VISION-BASED ATTENDANCE SYSTEM
JULY 2020

▪ Automatically takes attendances in school, colleges, and workplaces.

Responsibilities:
▪ For the first time register face into the machine with some additional Info like name, id, etc.

▪ To build and Train a Deep Learning Model using computer vision

▪ Maintain logs for a date, time, etc for entry and exit

▪ make an API that can be integrated with any device.

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Education
BSc(Hons.) Mathematics
Doon university - Dehra Dun, Uttarakhand
August 2019 to Present