Himanshu balodi

Data science engineer

A highly motivated and enthusiastic data science professional seeking a challenging role as a data scientist in a reputed organization where I can utilize my skills in data analysis and modeling to drive business growth and success. Working with an organization, where I can learn new things and work with my full effort and enthusiasm.

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SKILLS

- Python (Pandas , NumPy ,Scikit-learn , flask)
- SQL
- Statistics [Probability, Linear Algebra]
- Machine learning [Classification, Regression, Clustering, Deep learning,
- Data Visualization [PowerBI, Seaborn, Matplotlib]
- Data Analysis [Feature Engineering , Data Wrangling , EDA]
- Deploy [AWS , AZURE]

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

EDUCATION

Data science
Ineuron
05/2022 - Present

Bachelor Of Computer Application (BCA)
Swami Vivekanand Subharti University
08/2019 - 12/2022 *Meerut , India*

Intermediate
Arya Inter collage Deghat Almora
03/2018 - 05/2019 *Almora, India*

Highschool
Arya Inter collage Deghat Almora
03/2016 - 05/2017 *Almora ,India*

PERSONAL PROJECTS

Aps-fault-detection-Project (12/2022 - 01/2023)

- **Technologies** -Machine Learning Technology
- **Problem Statement:** The Air Pressure System (APS) is a critical component of a heavy-duty vehicle that uses compressed air to force a piston to provide pressure to the brake pads, slowing the vehicle down. The benefits of using an APS instead of a hydraulic system are the easy availability and long-term sustainability of natural air. This is a Binary Classification problem, in which the affirmative class indicates that the failure was caused by a certain component of the APS, while the negative class indicates that the failure was caused by something else.
- **Approach:** The classical machine learning tasks like Data Exploration, Data Cleaning, Feature Engineering, Model Building and Model Testing. Try out different machine learning algorithms that's best fit for the above case.
- **Results:** we have to build a solution that should able to predict whether a failure of a Scania Truck component is related to the air pressure system (APS) or not.
- The best Model is XGBoost Classifier with 99.6% accuracy and cost of 2950

ImageScrapperProject (07/2022 - 08/2022)

- The "ImageScrapperProject" in Python is a script that scrapes images from a website by taking in a website's URL and a keyword as input, then it searches for images on that website that match the keyword and downloads them to the local machine.
- **Approach :** The script utilise the Python library "beautifulsoup4" to parse the HTML of the website and "requests" to handle HTTP requests.
- **Achievements :** 1. Automating the process of collecting images: The script allows for the automated collection of images from a website, which can save time and effort compared to manually collecting the images.
- 2. Saving images on local machine: The script saves the scraped images to the local machine, which makes them easily accessible for later use.

INTERESTS

Cricket

Reading books