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# ****Fuzel Ahamed Shaik****

# CAREER OBJECTIVE

An aspirant, looking for challenging role to exhibit analytical and predictive modelling skills which can contribute to the growth of organization as well as to enhance the new trends in the data science domain. And also educate future generations who wanted to excel in data science domain by sharing my knowledge.

# WORK HISTORY

## Cognizant Technology Solutions – Program Analyst Trainee

Hyderabad, Telangana

*08/2020 - Current*

* Working on apis like SOAP and REST for authentication, validation, and authorization of consumers.
* Experience in building federated and transform apis according to the client’s request and testing them in postman.

# PROJECTS

* **Scania truck engine fault identification**

*Introduction* :

Data set consists of the engine details and the class of the engine. The common problem that comes in every automobile industry is to find the defect one among the group. With help of given data one can build a ML model to predict the defect one.

*Responsibilities* :

* Design a pipeline to the project.
* Do some data preprocessing steps along with EDA.
* Build a suitable model to predict the results.
* Hyper-parameter tuning to improve the performance of the model and check the validation metrics.
* Design a simple UI to enter the engine details.
* Deploy the model into the cloud so that it can be on live

*Tech Stack* :

Pychram, Jupyter notebook, Scikit-learn, Machine Learning, html.

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# SKILLS

Machine Learning

Statistics Probability

Deep Learning

# PROGRAMMING

Python Programming

Query Language

Java

# TOOLS

MS Office, Numpy, Pandas,

Matplotlib, Seaborn, Scikit-learn,

Tensorflow, Keras, BeautifulSoup,

SQL, MongoDB, PyMongo, GIT, Postman

# IDE

Jupyter Notebook Spyder

PyCharm

Ecllipse

# ACTIVITIES

Member of student enhancement team in college.

Participated in intra college fests.

***CERTIFICATIONS***

Machine Learning by Andrew NG (2019)

SQL for beginners (2019)

Python for data science and AI (2020)

Data science and machine learning bootcamp (2020)

***EDUCATION***

2016 - 20

**SASTRA deemed to be university**

**Bachelor of Technology**: Mechatronics

**CGPA**: 7.25

Thanjavur, Tamil Nadu

***PERSONAL INFO***

**Date of Birth -** 6 June, 1999 **Nationality -** Indian

**Linguistic Skills -** English, German(A1), Hindi, Telugu

**Current Location -** Hyderabad (India)

**Mobile No - +91 -** 9629618572

* **Optimization of agriculture production**

*Introduction* :

Agriculture is the backbone of Indian economy. Production of crops mainly depends on the climatic conditions, soil conditions, quality of seeds, and many. Dataset consists of main factors that effect the production rate along with the label column which has the names of the crops.

*Responsibilities* :

* Perform EDA to analyze the conditions suitable for a crop.
* Cluster the crops which can grow in same conditions.
* Build model to predict the crop that can be grow to the given  
  conditions.
* Hyper-parameter tuning of the model to give good outputs.
* Evaluate the model with the metrics like confusion matrix.
* Prepare a classification report.

*Tech Stack* :

Clustering, Seaborn, EDA, Jupyter notebook, Scikit-learn, Pandas.

* **Price predictive modelling**

*Introduction* :

We as a human always tend to have an estimate on everything. One thing that mainly focused is the property. Cost of the certain property depends of size of the area, number of bhks, place of the property, and some other factors. Dataset consists of all the factors that alter the label column which is nothing but the price of the property.

*Responsibilities* :

* Import the dataset to perform data preprocessing.
* Select the appropriate features using feature selection techniques.
* Perform EDA techniques to check the how factors are effecting the price.
* Scaling the dataset to reduce variance in the data.
* Built different regression models to evaluate best among them using metrics like R2-score, MSE.
* Hyper-parameter tuning of the selected model to increase performance.
* Design a simple UI to input the required features to predict the price.
* Deploy the model into cloud to make it live.

*Tech Stack* :

Regression, stats-model, EDA, Jupyter notebook, Heroku, Flask,

Scikit-learn, Pandas.

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