Mohammed Kamran

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Aspiring to become a skilled **Software Engineer**.

Skills

Communication	Problem solving	Leadership	Flexible
Time management	Positive attitude	Team player	Relationship building

Competencies

Python	ML Algorithms	Machine Learning	Jupiter Notebook
Anaconda	Pandas	NumPy	Matplotlib
Data Visualization	Seaborn	SciPy	SKLearn
Statistical Analysis	Predictive Analysis	Quantitative Analysis	Training & Mentoring
Clustering & Classification	Data Analytics	Data Mining	Model Development
NLP	NLTK	ANN	Tensor flow
OpenCV	Neural Networks	CNN	

Work Experience

Mercedes Benz Research and Development India

Software Engineer Aug 2020–Dec 2020

- Automated the tasks using python
- Worked on different software's like IMACS for data extraction by writing python scripts
- Worked on EMG project for the parametric task and automated the same using Python
- Worked on product data management for data analysis
- Pattern Recognition from the data-sets
- Keyword extraction and sentiment analysis for the customer compliance

Near & Learn Pvt Ltd., Bangalore Dec 2019 – Jun 2020

Machine Learning Intern

- Applied various **machine learninglibraries and algorithms** for different datasets.
- Developed a **Voice Assistant** by name – Jessica, during learning process.
- Adapted existing datasets and improved their **accuracy** by applying different algorithms.
- Created charts in **Jupyter Notebook** to perform preliminary analysis & visualize data using **Matplotlib**, Seaborn.
- Worked on various datasets during the internship period such as House Price Prediction, Handwritten Digit Recognition, Heart Disease, Titanic Data sets, Hr Analytics, Diabetics Data set, MNIST etc

Projects

Titanic Dataset – Kaggle

Collected the dataset and explored it, checked about missing values and learned which features are important. For data visualization used Seaborn and Matplotlib. During the data pre-processing part, computed missing values, converted features into numeric ones, grouped values into categories and created a few new features. Then trained the dataset using different machine learning algorithms and predicted the accuracy of 98.2 %.

Email Spam/Non-Spam Dataset
The spam classification system is created to identify the spam and non-spam mails. Here I have used the Naive Bayesian Classifier and extracted the words using word-count algorithm. After calculation, found that the naive Bayesian classifier error rate is very low and it has classified the emails appropriately into spam and non-spam.

HR Analytics Dataset
In this dataset, I performed descriptive, inferential statistics and different statistical tests to analyze based on what factors people are leaving the company.

Earlier experience

Reliance Jio Infocomm Limited (Fiber Engineer) Feb 2017 – Dec 2019

- Responsibility of local procurement and maintenance of horizontal direction drilling machine.
- Dealing with the warehouse activities and breakdown notification by using SAP MM and PM Module.

Certifications

- Machine Learning Using Python
- Course in AutoCAD and NX

Education

			Percentage
M. Tech. (Machine Design) & Management	B.M.S. Institute of Technology	2014 – 2016	74
Mechanical Engineering	KBN College of Engineering	2010 – 2014	71
PUC 2	Faraan Composite College	2008 – 2010	68
SSLC	Tiny Pearls English Medium High School	1995 – 2008	73