KIRAN SHANKAR BHAT R

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OBJECTIVE:

Coming from Mechanical Engineering background, I have solid understanding of machine learning and deep learning algorithms, time series and NLP. I am passionate to work in ML and DL and motivated to enter artificial intelligence.

ACADEMICS:

Course	Specification	Institution & University	Year of passing	Percentage
B.E	Mechanical Engineering	S J B Institute of Technology, Bangalore. (V T U, Belagam)	2018	60.29%
PUC	Science	PES Pre-University College. (Pre-University Board of Karnataka)	2014	65.5%
SSLC	State Board	Sri Adichunchanagiri High School. (Karnataka Secondary Education Examination Board)	2012	63.04%

COURSE DETAILS:

- Completed the certification course on Data Science from Simplilearn.
- Completed the certification course on Machine Learning from Simplilearn.
- Completed the certification course on Deep Learning with Keras and Tensorflow from Simplilearn.

TOOLS AND TECHNOLOGIES:
Tools:
JupyterNoteBooks, Google Colaboratory, Azure Notebooks, Azure ML studio.

Technologies:
Regression, Classification, Clustering, Time series, NLP, Data Visualizations, Anomaly Detection, Image Classification, Sentiment Analysis, Topic Modelling, etc.

Packages:
Python: Sklearn, Scipy, Numpy, Pandas, Matplotlib, Seaborn, NLTK, Kmeans, Statsmodels.

PROJECTS:

Course Projects:

Data Science Project:

Comcast Telecom Consumer Complaints

Description:

Comcast is an American global telecommunication company. The firm has been providing terrible customer service. They continue to fall short despite repeated promises to improve. Only last month (October 2016) the authority fined them a $2.3 million, after receiving over 1000 consumer complaints.
The existing database will serve as a repository of public customer complaints filed against Comcast. It will help to pin down what is wrong with Comcast's customer service.

Task: Exploratory Data Analysis.
Packages and Tools: Pandas, Numpy, Matplotlib, Seaborn.

Machine Learning Project:

Mercedes-Benz Greener Manufacturing

Description:

Reduce the time a Mercedes-Benz spends on the test bench.
You are required to reduce the time that cars spend on the test bench. Others will work with a dataset representing different permutations of features in a Mercedes-Benz car to predict the time it takes to pass testing. Optimal algorithms will contribute to faster testing, resulting in lower carbon dioxide emissions without reducing Mercedes-Benz's standards.

Tasks: Importing dataset and necessary packages, data cleaning, converting the categorical data to numerical data, rescaling the data, reducing the size of the data. Creating the XGBoost model to predict the time.
Packages and Tools: Pandas, Numpy, Matplotlib, Seaborn, LabelEncoder from Sklearn, StandardScalar from sklearn, PCA from sklearn, XGBoostRegressor from XGBoost.

Deep Learning with Keras and Tensorflow Project:

Pet Classification Model Using CNN.

Description:

Build a CNN model that classifies the given pet images correctly into dog and cat images. The project scope document specifies the requirements for the project

"Pet Classification Model Using CNN".

Tasks: Import necessary packages and dataset, checking and cleaning the dataset, generating additional images from given set of images, converting the images to numpy array, reshaping the array, create, compile and optimize the model.

Packages and Tools: Tensorflow, Keras, Pandas, Numpy, Sklearn, Matplotlib, ImageDataGenerator, img_to_array from Keras. Sequential Model with Convolutional Neural Network.

Websites:
- **LinkedIn**: https://www.linkedin.com/in/kiran-shankar-bhat-r-1a7b06171/
- **GitHub**: https://github.com/Kiranshankarbhat007/Data-Science-and-ML-projects.git

Kaggle Projects:

- **Titanic – Machine Learning from Disaster**
  Explore data and use Different ML algorithms to predict the passenger survival status.

- **House Prices - Advanced Regression Techniques**
  Impute missing values by MICE package and random forest and making prediction of house price using different ML models.

STRENGTHS:

- Positive Approach.
- Team working.
- Willingness to learn new things.
- Quick Learner.
- Good Communication skills.

EXPERIENCE:

- Intern at Skoruz Technologies (May 2019 – December 2019).

Personal Details:

Name	:	Kiran Shankar Bhat R
Date of Birth	:	01-05-1996
Gender	:	Male
Nationality	:	Indian
Languages Known	:	Kannada, English and Hindi
Permanent Address	:	s/o Ramachandra Bhat N , Gaddemane, Ayanur- 577211 Shivamogga (tq)(dst)

Declaration:

I hereby declare that the above information is correct and true to the best of my knowledge and belief.

Place: Bengaluru

Date: (KIRAN SHANKAR BHAT R)