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SUMMARY

Started my career as Mainframe Engineer & supported for Banking, Retail & Shipping companies, being passionate about Data Science I have started my career as **Data Analyst** & created a Machine learning models for Schools, Pharmacy, Online Electronic shop & Real estate companies. Now I have started to explore Data Science & adopting most possible way to my passion....

PROGRAMMING SKILLS

- ❖ **Data Science:** Python, Machine Learning, NLP, Deep Learning, OpenCV, PySpark, SQL, TensorFlow, YOLO, MS-Excel 365.
- ❖ **Web Development:** HTML5, Bootstrap, SASS, ReactJS, Node JS, Django Web Framework

TOOLS

Python IDLE, VS code, Power BI, Anaconda, Google CoLab, Microsoft SQL Server, Visual Studio

EXPERIENCE

❖ **Data Analyst | Value C Consulting PVT., Ltd., | Aug-2019 – May – 2022**

- We are using PowerBI tool to explore the data from client & we are creating Dashboard for the sales insight of the data given by the client.
- Once we receive the Feedback from the clients, we are performing **ETL** operation on the cleaned Data.
- We are to creating Machine learning model using Python & models saved and deployed into **AWS Cloud** (*performed upon client Request*).

❖ **Mainframe Engineer | Cryptograph Technologies | June 2017 – Nov 2017**

- Being Mainframe engineer my role is to **monitor mainframe Batch** jobs using Zeke tool

❖ Computer Operator | IBM | Oct 2016 – Mar 2017

- Support associate with **ETL team** daily task is to clean the data using **SSBI Microsoft tool** & submit the anomalies data to respective Owners for the possible solutions

❖ Mainframe Operator | Maintec India Pvt., LTD | May 2015 – Nov 2015

- Being Mainframe engineer my role is to **monitor mainframe Batch jobs** using CA-7 tool

PROJECTS

❖ PyScript :- In Progress

- Implementing to use direct python scripts in HTML DOM.
- We are writing models to automatically handle the quick piece of code directly by avoiding the expected indentation, Error.
- We have started to deploy all the Matplotlib visualization in the Web Pages.

❖ Amazon Singapore Churn Model: In Progress

- Started to collecting Data
- With sample data I have performed **ETL** using MySQL & visualize the data using PowerBI tool & created **Dashboard** to get feedback from the client. (*Waiting for RESPONSE*)
- I have used **Apriori** model **Market Basket Analysis**
 - *Need to perform some more Cleaning with Data so repeated the EDA by performing **Outlier Detection**.*

❖ Bangalore House Price Prediction:- Completed

- Using Kaggle dataset I have created model using **Logistic Regression** with **83.34%** model score to predict the best price in the location chosen by the **customer**
- I have used **Pandas EDA** for Data Cleaning process
- By using **Django Web Framework** for *Backend*, I have Created Web UI using simple **HTML5, BOOTSTRAP-v5 & JavaScript** for *Frontend* technology.

❖ **Automatic Loan Approval Prediction:- Completed**

- Using data from HDFC Bank Sales team I have created model using **Logistic Regression** with **79.89%** model score (Used **Grid Search CV** for finding best Model)
- By make use of **Web Scrapping** technique I have used HDFC bank template (identical) for tool design.
- I have created Web UI by using **Django REST Framework** as *Backend* with **HTML, BOOTSTRAP-v5** for *Frontend* technology.

❖ **Potato Disease Identification:- Completed**

- Using data from **Atliq.com** foundation I have created **Deep Learning CNN model** to identify the common disease in Potato plant.
- The model has been deployed using **Docker & TF Serving** technique on the Django Backend Web Framework.
- Created a simple Mobile version using **TensorFlow Lite** by using **AWS s3 bucket instance**

❖ **Celebrity Image Classification:- Completed**

- By make use **Fatkun** chrome extension I have scrapped the celebrity images from Bing Images & used as my Image Data
- Using **OpenCV** I have successfully cleaned the data for Face Detection.
- I have used **SVM model** for prediction it works accurate **79.65%**.
- By Using **Django Web Framework Backend**, I have created simple Web UI for Drag & Drop image to test my model using **HTML5, BOOTSTRAP-v5**.

❖ **Sales Insight – Data Analyst project: Completed**

- From Upwork I have received Remote work for Sales insight for the Foot-ware retail company which requires to monitor the **Sales insight** of the different part of countries across the USA.
- Used **MySQL** for the **ETL** process to Clean the RAW data
- The client required to know the Sales percentage based on Gender with Income as filter, in which I have used **PowerBI tool** & shared the feedback **Dashboard** for the client & waiting for response.

❖ *Academic Projects :*

- Boston House Price Prediction using Multilinear Regression model
- Classify message as Spam-Ham mail using **Naïve-Bayes** Model
- Image Recognition using **TensorFlow, KERAS VGG19** model
- Object detection using **YOLO** model by using **RCNN** technique

CERTIFICATION

❖ **Machine Learning with Python :**

- Certified by Cognixia Technologies
 - Credential ID **9YnbBCJMB**

EDUCATION

❖ **BE | Electrical and Electronics Engineering | 7.45 (CGPA)**

- BMS College of Engineering

❖ **PUC | PUE Karnataka | 60.33%**

- SKPU college Science PCMB

❖ **SSLC | KSEEB | 86.56% |**

- MABL high school, State Board

PERSONAL DETAIL

Father name : Narasimha Murthy
Location : Bengaluru
Languages Known : English, Kannada
DOB : 01 – June (06) – 1990

Declaration

" I do hereby declare that the above made statements are true as per my knowledge & in case of any discrepancy I'm the sole responsible for the discrepancies "

- Praveen Kumar