Srihari BV
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SUMMARY

A data science enthusiast with a post-graduate program in Data Science and Analytics. Worked on deriving data-driven insights from large datasets and developing state of the art machine models for learning from data

EDUCATION/TRAINING

2020 - Present **Imarticus Learning, Bengaluru KA India**
- PG in Data Analytics(In Progress)
  » Data Interpretation & Analysis
  » Fundamentals of statistics
  » Predictive Modelling:
    - Linear Regression
    - Logistic Regression
    - Support Vector Machines
    - Decision Trees
    - Random forest
    - K-Nearest Neighbors
    - Time-Series Data
    - Ensemble Techniques (Adaboost, XGBoost, Gradient Boosting)
    - Naïve Bayes
    - Stochastic Gradient Descent
    - K-Means Clustering
    - Hierarchical Clustering
    - Principle Component Analysis
  » Deep Learning:
    - Convolutional Neural Network
    - Artificial Neural Network
    - Recurrent Neural Network
    - Long Short-Term Memory (LSTM)
    - Natural Language Processing
  » Big Data Technologies:
    - Big data Hadoop using Pig, Hive Sqoop, Flume, Oozie and Spark
  » Analytical tools:
    - R - Basic operations, Univariate and bivariate analysis, advanced statistical modelling, Machine learning, Processing and Feature engineering, Time series modelling
  » Query Languages: SQL, Excel VBA

2015– 2020 **BMS College of Engineering, Bengaluru KA India**

- Bachelor's in Engineering (B.E) – 6.80/10.0

2013– 2015 **Sri Kumarans Children's Home Pre-University College, Bengaluru KA India**

- Pre-University College (P.U.C) - 63.67 %

2000– 2013   **JSS Public School, Bengaluru KA India**

- Higher Secondary School (C.B.S.E) -   7.80/10.0

INTERNSHIPS:

Company Name: Manjunatha Textlle (Wholesale Distributors)
Role: Human Resource and Asset Management
Duration: May 2017 – Present (Part-Time)

1. Managed supply-chain wing of the company for optimal goods storage and shipment
2. Efficiently managed human resource to maximize sales during peak seasons
3. Developed data recording schema for tracking goods and supplies of the company efficiently

PROJECTS:

ML Capstone Project

- Completed a Machine Learning Capstone project on **Flight Price Prediction** on a dataset of Varying flight prices of various airlines.
- Performed Exploratory Data analysis and created visualizations to achieve an in-depth understanding of the dataset and variables in it.
- Performed treatment of the null and missing values and statistically analyzed the dataset.
- Analyzed the types of categorical variables and encoded them using One-hot-encoding and Label encoding.
- Finally deployed different Prediction models to predict the Price of the flight ticket and analyzed the best accuracy delivering model.
- [GitHub Link to Project](#)

DL Capstone Project

- Completed a Deep Learning Capstone Project on **Malaria infection Detection** on a huge dataset of images containing the cell images (both infected and non-infected).
- Used Transfer Learning Techniques and CNN to predict if a cell is infected with the parasite.
- [GitHub Link to Project](#)

House Pricing Prediction

- Performed Exploratory Data Analysis and created visualizations on house pricing dataset of an urban city
- Cleaned the data by filtering out the outliers and dropping irrelevant features for model development
- Performed feature engineering using Correlation Matrix and applied Linear Regression to predict pricing
- [GitHub Link to Project](#)

Prediction using supervised ML, Unsupervised ML on Titanic Dataset

Performed EDA on titanic dataset and predicted the survival possibility of a person by feature engineering

RFID and Keypad based Security System

Built a Radio Frequency Identification and Keypad based unique security system with two level security configurations to cater secure access of lockers and safety storages

Automatic Wiper System

A water detection system to detect rainwater along with an automated wiper to clear standing water on glasses of automobiles. Cost-effective system implemented with discrete electronic components and 555 timer's IC for automation and control of the wiper for different conditions (intensity of rain).

INTERPERSONAL SKILLS
- Good people management skills.
- Good communication skills.
- Analyzing and understanding skills.
- Leadership and Micro-management

COMPUTER SKILLS
- MS Office - Excel, PowerPoint, Word
- Tableau Software
- PowerBi Software

PERSONAL PROFILE:
Name   : Srihari B.V
Date of Birth   : 01th August 1997
Fathers Name.   : B.V. Vinand Kumar
Gender   : Male
Nationality   : Indian
Languages Known: Kannada, Telugu, Hindi & English

PERSONAL INTERESTS:
- Playing Cricket and Badminton