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<https://github.com/aspiringmind>

EDUCATION

Prathyusha Engineering College, Chennai, (Affiliated to Anna University)

MAY 2018

B.E in Electronics and Communication

First class

Online certification: **Python for Data Science and Machine Learning Bootcamp**

Trainer: Jose Marcial Portilla (Head of Data Science, Pierian Data Inc)

Course period: 6 months.

TECHNICAL SKILLS

Visualization Tools: Matplotlib, Seaborn, Google Collab, Plottly, cufflinks.

Monitoring Tools: New Relic, Big panda

Ticketing Tools: Servicenow, JIRA

Programming Languages: Python, Java, Linux(basics)

Database: Mysql

Data Science: NumPy, Pandas, Data cleaning, Data exploration, Data preprocessing

Machine Learning: Scikit-Learn, Artificial Neural Network design, Keras, Natural Language Processing(NLP), Spark for Big Data Analysis

Cloud: Amazon Web Service (AWS)

PROFESSIONAL PROJECTS

Cognizant Technology Solutions.

Jan 2019 – May 2020

Analytics Business Insights

- Perform data exploration, data cleaning, and data pre-processing.
- Analyze the key insights from the data set and select the required features as the inputs.
- Perform various visualizations using plottly, cufflinks, and matplotlib.

Segmenting and Targeting clients

- UK clients over Oxford are segmented using K-mean clustering and RFM method.
- Trace the maximum orders of each customer and assign RFM scores based on Recency, Frequency, and Monetary values.
- K means clusters are generated and users are assigned with **Platinum, Gold, and Silver** badges.
- Generate valuable insight reports to improve the productivity and targets the customers.

Tracing the features that correlate with the maximum time spent by a client over a portal

- Perform exploratory data analysis to trace the most correlated features.
- Trace the best fit line between the correlated inputs and the target.
- Trace the validation and evaluation losses with appropriate epochs and call back values thereby achieved accuracy with **.96 f1 score**.

Fidelity Investment Service

Aug 2018 – Dec 2018

Data Analyst

- Exposure to Machine Learning techniques – Classification Trees, Clustering, Natural Language Processing, and Neural Network Design.
- Perform sentimental analysis on various brands of sans soucis (German-based cosmetic brand) using NLP.
- Implement CountVectorizer and TFIDF techniques.
- Reduce the redundancy and the text length of the review.
- Classified the ratings based on the clean text and achieved **.92 f1 score**.

SELF-PACED PROJECTS

Link: <https://github.com/aspiringmind/Data-Science-and-ML-projects>

Built a loan prediction model to predict whether a candidate is eligible to get a loan from a lending club

- Based on the seventeen features of the loan criteria, performed exploratory data analysis.
- Perform Data cleaning and pre-processing thereby found a replacement for all missing values.
- Finally built a predictive model with deep learning algorithms with 0.87 f1 Score.

Analysis on 911 calls received on various issues

- Perform various analyses and traced the major reasons for the frequent calls in a month, day, week, and the type of a call.
- Generate various visualization charts to demonstrate the flow.

PERSONAL ACHIEVEMENTS

- Won **the clients favorite charm** recognition twice for the best PowerPoint presentations.
- Won **2 lakhs** in a private television channel US-based quiz show '**divided**'
- **State-level winner** in the presentation event conducted by the Tamil Nadu government.
- **State-level winner** in the elocution event under the topic 'green energy revolution'
- Ran a skill development center and trained nearly 300 students in technical and soft skills.

IMPORTANT WEB LINKS

- <https://www.hotstar.com/tv/divided/s-1560>
- <https://youtu.be/2LGBhP6cDaw>

PERSONAL INFO

Country: India

State: TamilNadu

City: Chennai

Pincode: 600021

Overall Experience: 2 years