ANANTHA BHAIRAVI MAHENDRAKUMARAN

+91 93615 87442 | ananthabhairavi36@gmail.com | Chennai, India | linkedin.com/in/future-data-scientist

A dedicated business analyst can take pleasure in transforming the data into business inference using statistical knowledge and skills while building professional career.

EXPERIENCE

Accenture Solutions Pvt. Ltd., *Pune*   *Associate Software Engineer* **(ASE)**   **August 2018-March 2019**

- SharePoint Developer-Developing and Managing SharePoint Applications to follow the operations of German based chemical industry client using **SharePoint Designer, SharePoint Workflow, JavaScript and PowerShell**.
- Helped my team in managing Modern SharePoint Applications.

EDUCATION

Post Graduate Diploma in Management (PGDM)   **June 2019 – April 2021**
Thiagarajar School of Management | CGPA- 7.89   *Madurai, Tamil Nadu*

Post Graduate Program – Business Analytics and Business Intelligence   **April 2019 – April 2020**
Great Lakes Institute of Management (University of Texas, Austin) | Completed   *Online Mode, Greatlearning*

Bachelor of Engineering (B.E) in Electronics and Communication Engineering   **August 2014 – May 2018**
Sri Venkateswara College of Engineering | CGPA- 8.42   *Chennai, Tamil Nadu*

Higher Secondary School, Class XII   **March 2013 – March 2014**
Jaigopal Garodia Vivekananda Vidyalaya | 96.75%   *Chennai, Tamil Nadu*

High School, Class X   **March 2013 – March 2014**
Jaigopal Garodia Vivekananda Vidyalaya | CGPA – 9.6   *Chennai, Tamil Nadu*

TECHNICAL SKILLS

Statistical Tools: Python, R, KNIME, SPSS, Gretl, MS Excel
Database: MySQL
Data Visualization Tools: Tableau, PowerBI
Others: SharePoint, Java, MS Office, C, C++

PROJECTS

Capstone Project - Study on Coronary Heart Disease and Risk Associated Factors
- Using **ML** techniques in **R** to determine the major **risk factors** associated to the heart disease using little of data cleaning, treating missing values followed by training the model on sufficiently large number of observations.
- ***Key Skills:*** *Decision trees, Factor Analysis and Logistic Regression, CART, Clustering, KNN, Naïve Bayes.*

Recommending ways to increase revenue of a Coffee Chain.
- The project involves conducting a analysis of **Point of Sale (POS)** data for providing recommendations through which the restaurant can **increase its revenue** by either taking off certain items or coming up with combo meals for customers.
- ***Key Skills:*** *Market Basket Analysis, Churn Rate Prediction, RFM Analysis*

Building a supervised Model to cross-sell personal loans
- The objective of this exercise was to build a model using a **Supervised learning** technique to figure out profitable segments to **target for cross-selling personal loans.**
- A Pilot campaign data of 20000 customers was used which included several demographic and behavioral variables.
- The Model was further validated, and a deployment strategy was recommended.
- ***Key Skills:*** *Random Forest, Data Mining, Pruning, Model Performance Measures.*

Supply Chain Management of Essential Goods during Pandemics-A Systematic Literature Review
- Identifying ways to **maximize the supply** of goods and **reduce the cost** by efficiently managing supply chain during pandemics.
- Analysing the **risk categories** in different essential product categories and determining the **critical factors.**
- ***Method****: Systematic Literature Review*

Creation of an India Credit Risk Default Model Using Logistic Regression
- **Univariate and Bivariate Analysis** had to be conducted and the model had to be built using **Logistic Regression** on most important **credit risk variables**.
- ***Key Skills:*** *Logistic Regression, Model Performance Measures – ROC, Precision, Accuracy, Confusion Matrix, F1 Score.*

PUBLICATIONS

An Intelligent and Real Time System for Automatic Driven Toll Gate Systems at Complex Scenes
IJCIR (International Journal Computational Intelligence Research) on April 2018.
- The idea of **automated toll gate** with no manual power. This paper presents a robust and efficient method for **license plate detection** with the purpose of accurately localizing vehicle license plates from complex scenes in real time.
- ***Key Skills:*** *Image Processing, Deep Learning, IoT, Python*

CERTIFICATIONS

- "*Certificate in Java Enterprise Apps*" at NIIT — January 2016-December 2016
- "*Certification in Operational Analytics*" issued by University of Pennsylvania under Coursera — June 2020
- "*Certification in "Blockchain Basics*" issued by University of Buffalo under Coursera — November 2020

EXTRA-CURRICULAR ACTIVITIES

Artha Club-Finance Club of TSM   *Core Committee Member*
- Responsible in organizing guest lectures.

Echoes – The TSM Magazine
- Utilized editing and proof-reading skills to produce engaging and error free content articles.
- Responsible for collecting articles from individuals.
- Brainstormed with other editors to determine new topics and articles.

Vivaadh-Debating Club of TSM
- Coordinating in organizing debates and group discussions.

nAch-HR Club of TSM
- Coordinating in organizing seminars and workshops.

We Care Club
- Coordinated as Volunteer in organizing Blood camp - 'Genesis 2019'.

Participated in the NIPM National Business Quiz organized by NLC.

Volunteered in organizing TSM Plogging event.

Coordinated in organizing Humanitas-HR event in Yukti 2020.

Undergone RDIP- Rural Development Immersion Programme at TATA-DHAN Academy for studying Rural Management.

AWARDS

Won "*Good Samaritan Award*" from the Rotaract Club of SVCE for the year 2018.