

SUMMARY

- To get a challenging and exciting Data Analyst project where I can apply my technical skills to generate business insights and make data-driven decisions to benefit the progress of the company.
- An Engineering graduate with a passion to learn and grow in the Analytics field.

LinkedIn Profile: www.linkedin.com/in/katharakumar/

KEY SKILLS

- Python for Data Science
- MySQL
- Machine Learning (Supervised and Unsupervised)
- Exploratory Data Analysis
- Tableau for Visualizations

ACADEMIC PROJECTS

- **Predictive Analysis For Air Quality Index.**

Objective: This case study involves predicting the air quality index based on factors like PM2.5, PM10, NO, NH3, CO, SO2, and O3 are taken, etc.,

Outcome: This model will help us to predict the air quality index. Let the local people know how the pollution level in the environment.

Key skills: Python | Jupiter notebook | Supervised learning | Various Machine Learning Techniques.

- **Telecom users classification.**

Objective: The task is to analyze the data and predict the churn of users (to identify people who will and will not renew their contract).

Outcome: Based on the data about the services that the client uses, we can make him a special offer, trying to change his decision to leave the operator.

Key skills: Python | Jupiter notebook | Supervised learning Classification | Exploratory Data Analysis | Various Machine Learning Techniques.

- **Coffee Shop Customer Segmentation.**

Objective: To categorise the customer using features like gender, age, purchasing since and other factors.

Outcome: The clustering model will help to understand and segment the customer based on their cluster they are and we can tend to improve the customer base by providing attractive offers and some cashback offers. This will help the mid-level customer to move to the higher-level customer and lower-level customer to the mid-level customer.

Key skills: Python | Jupiter notebook | Unsupervised learning | PCA | Exploratory Data Analysis.

EDUCATIONAL QUALIFICATIONS:

| Course | Institution | Year | Remarks |
|---|-------------------------------------|-----------|-----------|
| Post-Graduation program- Data Science and Engineering | Great Lakes Institute of Management | 2019-2020 | Completed |
| B.Tech-Mechanical Engineering | SASTRA University | 2016-2019 | 6.3 CGPA |
| Diploma in Mechanical engineering | Rane Polytechnic Technical Campus | 2012-2015 | 79% |
| 10 th Std | Sri Akilandeshwari Vidyalaya(CBSE) | 2012 | 6.8% |

PROFESSIONAL SUMMARY

Executive – HR Operations

Ninjacart

Jun-2019 – Feb-2020

- Responsible for acting as the first point of contact for company employees and managers who are seeking advice, guidance, and support on a wide range of employee issues.

Technical Apprentice

Rane Engine Valves Limited

Aug-2015– Apr-2016

- Sets up and operates a production machine under established procedures and guidelines. Reads and interprets blueprints and diagrams to select, position, and secure machinery. Adjusts machine settings to complete tasks accurately, according to specifications, and in a timely fashion.

ACHIEVEMENTS

Duolingo English Test (<https://certs.duolingo.com/7wq6qeug>)

- Secured 120/160 in Duolingo English proficiency test(Equivalent to 7 in IELTS Band).