KARPAGALAKSHMI. K

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2-1, Varigandan St, Ammapet, Thanjavur.

OBJECTIVE

Recent graduate with a degree in data analysis looking to leverage my skills to advance corporate results in the position of a Data Analyst where my skills and knowledge related to SQL, Python and Machine learning algorithms can be showcased.

ACHIEVEMENTS & AWARDS

- Certified for presenting a seminar on "Laser Technology"
- Certified in the Japanese language for successfully accomplished the elementary level.
- Certified in the Webinar on "Android Development & DEVOPS"

EDUCATION

I. **B.E Computer Science,** GPA 8.3/10
K. Ramakrishnan college of Engineering 2019 – 2023 Trichy

II. **HSC,** Marks – 75%
Best Matriculation Hr. Sec. School 2018 – 2019 Thanjavur

III. **SSLC,** Marks – 96%
St. Marcinas Matric. Hr. Sec. School 2016 – 2017 Thanjavur

ADDITIONAL COURSE

I. **Imarticus learning**
2021 – 2022 Bangalore

- Post-Graduation diploma in Data Science.
- Data Analysis and visualisation using python libraries (NumPy, Pandas, Matplotlib, SkitLearn, Seaborn).
- Exploratory Data Analysis by using Python.
- Statistical Data Analysis (Descriptive and Inferential).
- Machine Learning-Supervised and Unsupervised Learning (Regression, Classification, Clustering, Ensemble and Boosting Techniques).

SKILLS

- ☺ **Data Visualization**
- ☺ **Python (Pandas)**
- ☺ **Machine Learning**
- ☺ **Team work**
- ☺ **Problem Solving**

INTERESTS

- ♥ **Sampling**
- ♥ **Music**
- ♥ **Surfing in Data**
- ♥ **Fantasy Stories**

LANGUAGES

Tamil Native

English Proficient

Japanese Elementary Level

ACTIVITIES

- Identifying, analyzing and interpreting trends in complex data sets
- Make predictions and provide the model at good accuracy

- MS-Excel (Data Analysis, Formulas and Reports).

ACADEMIC PROJECTS

- **Project Title: Black Friday dataset**
  - ✓ Models used-Liner Regression, Logistic Regression, Decision Tree and Random Forest.
  - ✓ The project dataset contains customer details (age, gender, marital status, city status, city type etc,.), product details (product id and product category) and total purchase amount from last month's Dataset containing a total of 550000 observations.
  - ✓ Performed data cleaning process such as null values and duplicate values.
  - ✓ Performed Exploratory Data Analysis to investigate the dataset and discover the patterns and anomalies.
- **Project Title: H1N1 Vaccine prediction**
  - ✓ Predicted how likely it is that the people will take an H1N1 flu vaccine using Logistic Regression in Machine Learning.
- **Project Title: Reverse engineering an advertisement**
  - ✓ Performed Chi-Square test on Amul Ice cream ad to predict if the flavours would affect the audience.
- **Capstone Project Title: Image Classification using Deep Learning**
  - ✓ Models used-Artificial Neural network and Convolutional Neural network.
  - ✓ The project dataset named CIFAR-10 which consists of total 60000 32x32 colour images containing one of those 10 classes with 6000 images each.
  - ✓ Performed one of the preprocessing technique which is normalization to improve model accuracy.