

KARTHIKA R

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GitHub : <https://github.com/Karthikatika/Karthikatika.git>



EXECUTIVE SUMMARY

Motivated, team work-oriented and responsible Data Analyst with significant experience in increasing comprehension of reports and presentation by the average professional

EDUCATION

2022	Imarticus Learning. <ul style="list-style-type: none">• Post-Graduation Diploma in Data Science<ul style="list-style-type: none">• Data Analysis and visualisation using Python libraries (NumPy, Pandas, Matplotlib, SkitLearn, Seaborn)• Database management system (MySQL Workbench)• 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)• MS- Excel (Data Analysis, Formulas and Reports)	TamilNadu, India
2019-2023	K.Ramakrishnan college of Engineering, Trichy Bachelor of Engineering-Computer Science(85%) upto 5 th sem	TamilNadu, India
2018-19	Dr.J.C.Kumarappa Higher Secondary School <ul style="list-style-type: none">• HSC-State Board(74%)	TamilNadu, India
2017-2018	V.R.Veerappa Higher Secondary School <ul style="list-style-type: none">• SSLC-State Board(94%)	TamilNadu, India

ACADEMIC PROJECT

Project Title: "Human Activity Recognition Using Smartphone"

- In this project, we can predict the activity of a person by using a dataset. It can be predicted by using Machine Learning algorithms and its functions.
- It is helpful to analyze human health and it differs from a step counter

Project Title: "Blind People Navigation System"

- The main objective of the system is to develop a blind people navigation system using a domain AI
- The Fast R-ANN algorithm and the trained Tensorflow models are used to detect objects in the image
- Using a SQL connector to values insertion

Project Title: "Black Friday Dataset"

- Models used- Linear Regression, Logistic Regression, Decision Tree and Random Forest
- The project dataset contains customer details (age, gender, marital status, city type etc.), product details (product id and product category) and total purchase amount from last month. Dataset contains total 550,000 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 the anomalies.

Project Title: "Car Sales Prediction"

- Predicted the annual sales of a car by using Linear Regression in Machine Learning

Project Title: "IPL dataset"

- Predicted whether the person has needed qualities to get into the team using tableau and python.

Project Title: "Reverse Engineering of an advertisement"

- An advertisement was taken and we traced it back to the scratch and analysed the parameters and factors used in building the advertisements.

INTERNSHIP

Designation: Web Developer

Company: Pacific Creation (Website: <http://www.pacificcreation.in>)

- Student Ambassador
- My winning project Coding is uploaded in this website by the trainer

Roles and Responsibilities:

- Design a Web Page
- Improve the Knowledge about Html, CSS and JS

ACHIEVEMENTS

- Win a 1st prize in intercollege Paper Presentation-Brain Computer Interface
- Got a 1st prize in One Week Coding Challenge

EXTRACURRICULAR ACTIVITIES

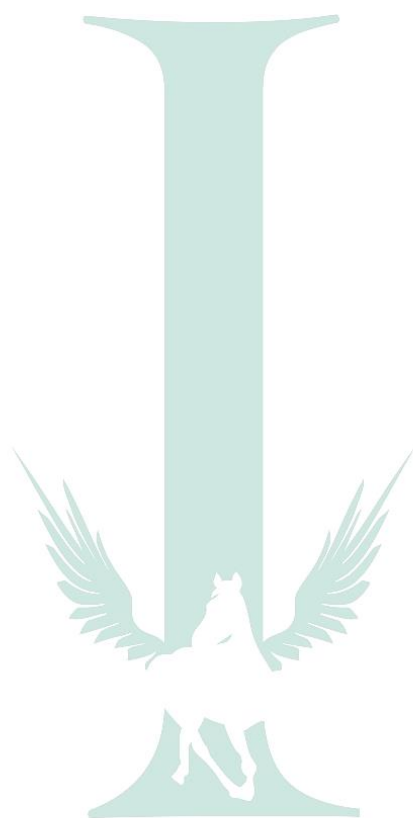
- Badminton
- Writing

SKILLS

- Problem Solving.
- Time Management
- Decision Making.
- Project Management
- Programming : Python(data science), C, Front End

LANGUAGES KNOWN

Language	Read	Write	Speak
English	☑	☑	☑
Tamil	☑	☑	☑



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