

Sinegalatha B

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GitHub : https://github.com/sinegalatha/ML_my_exercises



EXECUTIVE SUMMARY

An enthusiastic budding data scientist with Post Graduate Certification in Data Science and Data Analytics. A confident and self-motivated person capable of handling difficult situations in a smart way with my good analytical and problem solving skills who is in search of a position where my skills are upgraded.

EDUCATION

2022	Imarticus Learning. <ul style="list-style-type: none">Post-Graduation Course in Data Science and Data Analytics<ul style="list-style-type: none">Hands on knowledge with Python libraries (NumPy, Pandas, Matplotlib, ScikitLearn, Seaborn)Data Visualization using Tableau and PowerBIDatabase management system (MySQL Workbench)Machine Learning- Supervised and Unsupervised Learning (Regression, Classification, Clustering, Ensemble and Boosting Techniques)MS- Excel (Data Analysis, Formulas and Reports)	Tamilnadu, India
2019 - 2023	M. Kumarasamy College of Engineering, Karur <ul style="list-style-type: none">Bachelor of Engineering – Computer Science and Engineering (9.44 CGPA *till 5th semester)	Tamilnadu, India
2017 - 2019	Cheran Matric Higher Secondary School, Vennaimalai, Karur <ul style="list-style-type: none">HSC with 96%	Tamilnadu, India
2016 - 2017	Cheran Matric Higher Secondary School, Vennaimalai, Karur <ul style="list-style-type: none">SSLC with 97.6%	Tamilnadu, India

CAPSTONE PROJECT

- Project Title: "Glaucoma Detection using CNN"
 - Detects whether a person is affected with Glaucoma or not.
 - Segregated the input cornea images into two groups i.e., Glaucoma Positive and Glaucoma Negative
 - Model is build with resnet50 CNN algorithm.

Source Code: https://github.com/sinegalatha/ML_my_exercises/tree/main/Glaucoma%20Detection

MINI PROJECT

- Project Title: "Heart Disease Detection using Classification (Supervised Learning)"
 - Performed Data cleaning process and Exploratory Data Analysis
 - Model is build with Decision Tree classifier to detect whether a person is heart patient or not.

Source Code: https://github.com/sinegalatha/ML_my_exercises/tree/main/Heart_Disease_Prediction

- Project Title: "Taxi Fare Prediction using Regression(Supervised Learning)"
 - Performed Data cleaning process and Exploratory Data Analysis
 - Model is build with Random Forest Regressor to predict the taxi fare.

Source Code: https://github.com/sinegalatha/ML_my_exercises/tree/main/Taxi%20Fare%20Prediction

- Project Title: "Data Visualization using Power BI and Tableau"
 - Visualized the financial performance of claims made in Insurance company using Power BI
 - Visualized the Uber's ridership data using Tableau

Source Code: https://github.com/sinegalatha/ML_my_exercises/tree/main/Data%20Visualisation

INTERNSHIP

1. Designation: Research Intern
Organisation: SSN College of Engineering, Chennai (May 2021- July 2021) – 6 weeks
Roles and Responsibility:
 - Worked on project titled "Farmer-BOT: An Interactive Bot for Farmers using Artificial Intelligence"
A user-friendly automated ChatBot system capable of answering all basic agricultural queries and advanced agri-technologies implemented using neural networks and NLP techniques.

- Won Third Place in BIT TECH FEST 2021, a National Level Virtual Technical Event
 - Shortlisted in one of Top 30 projects among 27,950 participants at IBM HackChallenge 2021

Source Code: https://github.com/sinegalatha/ML_my_excercises/tree/main/FARMBOT

2. Designation: Content Writer
Organisation: Cybernaut MSME (June 2020- September 2020) – 3 months
Roles and Responsibility:
 - Wrote a content related to Artificial Intelligence and Data Science technology and posted as 30 days Challenge in Cybernaut_Official Instagram page.

CERTIFICATION

- Artificial Intelligence Foundation
- Machine Learning-Linear Regression
- Python in Coursera

TOOLS KNOWN

- Tableau
- Power BI
- Microsoft Excel
- Python IDE – Jupyter Notebook, Google Colab, Pycharm

SKILLS

- Python Programming
- Problem Solving
- Interpersonal Communication
- Leadership
- Analytical skill

DECLARATION

- I hereby declare that the above particulars given by me are correct and true to the best of my knowledge and belief

PLACE : KARUR

DATE :

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