DEEPA

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SKILLS

Data Science/ Machine Learning / Deep Learning

- Python| Data Visualisation| Supervised Learning algos| Unsupervised Learning algos| ANN|CNN| EDA| Feature Engineering| Feature Selection &Extraction

Python packages and Frameworks

- Scikit learn| Tensor flow| Keras| Numpy|Pandas|Scipy|pyspark

INTERNSHIP _____ *Trichy, TN, INDIA*   **12/2019 -01/2020**

Corporation Office Srirangam

- Worked on Awareness on waste segregation, "field visit on home compost" and "roof top plantation" and "survey on dengue source".

PROJECTS _____ *Tanjore, TN, INDIA*   **(UG&PG)**

A statistical study related to the brand preferences of some selected home appliances in Rock fort region Trichy   **(FINAL SEM UG)**

- A Statistical study was carried out in Rock fort region to find out how the electronic goods play a vital role in their life by using statistical models.

Deep learning based approaches for detecting Covid-19 using data   **(PG)**

- The project was to build a more accurate diagnosis model of covid -19 based on patient symptoms and routine test results by applying algorithms.
- Processing the image by using numpy and matplot libraries.
- One of the solution to control the havoc can be the diagnosis of disease with the help of algorithms.
- The main objective of this project is to detect whether the person is affected by covid or not.

Comparative analysis for prediction of chronic kidney disease using Machine learning Techniques   **(PG)**

- This study is to perform a comparative analysis of prediction of kidney disease using Techniques.
- Processing the data by using numpy and pandas libraries along with confusion matrix for testing
- It can be used to predict chronic kidney disease more accurately.
- Without kidneys, a person can only live for 18 days on average, requiring kidney transplantation and dialysis.
- The main motivation of this study is to predict disease by analysing data.

EDUCATION _____

Master of Science	**Sastra Deemed to be University**	*Tanjore, TN, INDIA*	**06/2020 - 04/2022**

- Data Science 6.2/10

Bachelor of Science	**St. Joseph's college**	*Trichy, TN, INDIA*	**06/2017 - 04/2020**

- Statistics 7.5/10

HSC	**St.Anne's Girls hr.sec.school**	*Trichy, TN, INDIA*	**2017**

- 9.0/10

SSLC	**St.Anne's Girls.Hr.Sec.School**	*Trichy, TN, INDIA*	**2015**

- 8.7/10

Others _____

- Workshop on Arduino for IOT-St. Joseph's college.
- Workshop on Raspberry Pi - St. Joseph's college.