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PERIYANNAN P - **Junior Machine learning Engineer**

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**ACADEMIC CREDENTIALS**

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| **Course** | **Institution** | **Board/university** | **Year of Passing** | **Percent/CGPA** |
| B.E (ECE) | Park college of Technology, Coimbatore | Anna University,  Chennai | 2021 | 7.71 |
| HSC | Government higher secondary school | State Board | 2017 | 71.8 |
| SSLC | Government higher secondary school | State Board | 2015 | 84.4 |

**AREA OF INTEREST**

* Aritificial Intelligence
* Data Visualization
* Data Analysis

**Machine Learning Stack**

* Python
* Scikitlearn
* Tensor flow
* Numpy,Pandas
* Keras
* Deeplearning
* Google cloud
* Flask
* Tableau And Power BI
* Spark
* SQL

**SKILL SET**

* Data preprocessing and Data Handling
* Effective use of Machine Learning and Deep Learning Algorithms
* Effective Coding skills in Python/ Matlab /Framework
* Exceptional analytical skills with documented experience of the ability to solve unstructured problems involving large amounts of quantitative data with a structured and hypothesis driven approach
* Strong Knowledge and experience on NN models and differentiated use case exposures
* Machine Learning Algorithms include Linear Regression, Logistic Regression, Decision Trees, Random Forest ,Gradient Boost, SVM, NB, Clustering Techniques, K-means, Hierarchical and Neural Networks
* Deep learning includes CNN,ANN
* Strong programming& Hands on Machine Learning and Deep Learning using Python/Tensor flow/ Keras
* NLP
* Statistics ,probability
* Linear algebra,vector calculus
* Analytical Geometry,Matrix decompositions

**PROJECT**

* **Prediction Position\_salaries:-** The target variable Salary was predicted according to employee’s position level did Data pre processing applied Regrssion models such as Linear,polynomial,SVM,Decision Tree and Random Forest

Random forest regression fetched the closest prediction

* **Ads\_CTR\_Optimisation:-** the dataset comprises the response of 10,000 visitors to 10 advertisement displayed on a web platform these 10 advertisements are actually the 10 ad version of the same product.The response are represented in terms of a reward given to those 10 ads vistor Using Reinforcement learning(Upper confidence bound)
* **Churn\_modeling :-**The bank customers and the target variable is a binary variable reflecting the fact whether the customer left the bank(close his account ) or he continues to be a customer To using ANN
* **Market\_Basket\_Optimation:-** Market Basket analysis of customers purchasing behaviours. It can predict what the customer is going to buy looking at the products he is buying Using Apriori Algorithm

**COURSE&CERTIFICATION**

* **AI FOR ALL Data Science Course FROM CloudyML**

**EXPERIENCE**

* **Junior Machine learning Engineer(Internship)-Intellect Design Arena Ltd Chennai**

**6months (Aug 2021-Jan2022)**

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