

Prabal Tripathy

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EDUCATION

Examination	University	Institute	Year	CGPA/%
ME(CSE)	JU	Jadavpur University	2020	8.28
B.Tech(CSE)	MAKAUT	Govt. college of Engineering and leather Technology	2018	8.34
Intermediate	WBCHSE	Namkhana Union High School	2014	85
Matriculation	WBBSE	Namkhana Union High School	2012	88.85

Projects

Servicenow API

I have created the same replica of the ServiceNow API so that users without ServiceNow access or without SQL knowledge can get the ServiceNow data.

Cpu Usage Prediction

Used the past 45 days of CPU usage for every hour and predicting the next 2 days' CPU usage for every hour and also used one novel data imputation method for time-series data imputation.

LOGD

As a Data Engineer of the LOGD team under PMI, I have created different dashboards and created different data models for use cases 160A and 160B. These different dashboards track all the inventory details of PMI.I have created data models and many KPIs in Power BI for these two use cases.

Predicting Boston House Pricing

Apply Different machine learning technique on data collected for house pricing in The Boston to predict the selling price of a new house

Neural Machine Reading Comprehension

Used Neural Network and attention mechanism to predict the correct answer of a question from a Given Context

Multi-model Analysis of Constraint@AAAI2021 Covid19 Fake News Detection in English

Used Different Machine Learning and Deep Learning models to predict fake news in Covid19 Fake News dataset

Movie Review Sentiment Prediction using 1D - CNN

Used 1-dimensional convolutional neural network to predict the sentiment of the review Of the Kaggle movie review dataset

Imbalanced Text Classification

Used SMOTE machine learning algorithm to balance the imbalanced text data and then Used BERT transformer model to predict the class of the text and got 0.96 precision

Tuberculosis Detection using Transfer Learning

Detected Tuberculosis from CXR Images using Transfer Learning and Neural Network

Horse VS Human Image Classification

Used different pre-trained deep learning models like Resnet50, VGG16, Inception, Alexnet, Densenet on Kaggle Horse or Human Image classification dataset and Classified the unlabeled image and also compared the accuracy and loss

Skills **C, Java, Python, R , SQL, Power BI, SSAS, SSIS, SSRS ,NumPy, Keras,**

Tensorflow, Pytorch, Pandas, Matplotlib,Pig , Hive,Hadoop, Rest API,

Interest Competitive Programming, Web Development, Machine Learning,

Artifitial Intelligence , Deep Learning, NLP, Computer Vision

Extra	Statistics, Data Mining
Course	Machine Learning(Coursera), Statistical Learning(Stanford.edu)
Undertaken	Johns Hopkins Data Science(coursera), Hadoop Fundamental(Big Data Uni.), Analytics Edge(edx.), Spark level 1(IBM Cognitive class), Machine Learning with Python, Python for Data Science, Data Science Tools, Data Science Methodologies
Strengths	Enthusiastic, hardworking, Self-motivated, Responsible towards work, Time Management Ability, Honest and Reliable