Arpit Kulshrestha

Contact

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Skills

- Python
- Numpy/Pandas
- SQL
- Data Visualization
- Data Analysis
- Machine Learning
- Regression
- Classification
- Clustering
- Statistical Tests
- Predictive Analysis
- Descriptive Analysis
- Modeling

Education

Data Science(Certification)
Dec 20-June21
Great learning Bangalore

B.Tech. -Electrical Engineering
(71.30 %)
2011-2015
Rajasthan Technical University

HSC (88 %)
2010-2011
CBSE

SSC (89 %)
2008-2009
CBSE

A detail-oriented and self-motivated Data Science enthusiast having an experience of 3.5+ years in leading a big team for Railways Electrical quality and standardization related work. Looking for opportunities where creativity and business can flourish together.

Work History

Electrical Engineer   (Jan-18-Still working)

Rail Vikas Nigam Limited (Railway PSU)

- Analyzation of site data and providing effective solution for problems at Sites,using Visualization in Excel.
- Analyzation and maintenance of site data, using Excel and SQL,got an exposure of SQL .
- Data collection and coordination with teams for various activities, ensuring the execution of work according to standards, and safety protocols.
- Resolving issues/problems at sites.
- Handling Cross-functional responsibilities like coordinating between various departments for faster execution of work.

Graduate Engineering Trainee   (Jun-17 – Jan-18)

Vikran Engineering and Exims Pvt Ltd

- Management,Planning, Execution and Testing of 220KV/132KV substation work.
- Handling Billing and material Management of site, using Excel.
- Analyzation of site data for faster execution of work.

Projects

- **Readmission Rates in Hospital Based on the HbA1C test of an individual**
  This aim of the project is to identify if the readmission rate in the hospital is dependent on the HbA1C test of the individual given the details of the individuals who have visited the hospital.

  Key skills: Null value treatment, Feature Engineering(combining features), data Pre-processing.Univariate,Bivariate,Multivariate Analysis, Classification Model Building, Metric Selection, Threshold selection, cross-validation method, Feature Selection, Fine Tuning (Grid Search), Selection of final model, Clustering, PCA.

- **Rain-in-Australia**
  Predict next-day rain by training classification models on the target variable. The dataset contains about 10 years of daily weather observations from many locations across Australia.

  Key skills: All kind of plots and Classification Modelling has been done,data pre-processing. EDA, Transforming data, Feature Engineering, Feature selection,Machine learning algorithms is being done.

- **House Sales in King County**
  The aim of the project is to predict the sale price of the house. Given the House sale prices for King County, which includes Seattle.

  Key skills: Null value treatment, data Pre-processing.Univariate,Bivariate, Multivariate Analysis, Regression Model Building with outliers ,Removing outliers, cross-validation method, Feature Selection, Fine Tuning (Grid Search), Selection of final model.