

# ABHISHEK. J.N

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**Certified Data Scientist with 1.5 years of experience** with a bachelor degree in electrical & electronics engineering. Seeking opportunities where I can utilize my analytical, mathematical and technical skills to solve real life problems related to analyzing a big volume of datasets to draw insights that can help with business decisions

## Skills

### Programming :

- Python (Numpy, Pandas, Matplotlib, Seaborn, Plotly, Dash, Beautifulsoup, NLTK, Keras, Tensorflow), &
- R, SQL, Selenium, MS-Excel

### Visualization:

- Tableau, Excel Charts, Jupyter Notebook

### Database:

- MySQL

### Areas of Expertise:

- 1. Linear Regression 2. Logistic Regression 3. Decisiontrees & Randomforest Xgboost
- 1.PCA 2. SVM 3. Clustering 4. KNN 5. AprioriAlgorithm 6. Neural-Net 7. NLP 8. Hyper parameter tuning
- 1. Time-series 2. Flask frame work for deployment 3. Docker Container 4 . Heroku, Azure, Kubernetes
- 1. PySpark (RDD, PySpark SQL, PySpark Mlib) 2. Git

## Courses

Fundamentals of Statistics Complete Web Development Bootcamp Data Analysis With Excel

## Certifications

- Received professional Data Science and Machine Learning certification provided by Excel-R (Duration- 6months)
- Received a passing grade badge and certification in Deep Learning Using Tensorflow provided by IBM
- Received certification for successfully completing Python For Data Science from Educba
- Received certification for successfully completing Complete Web Development(HTML, CSS, Bottstrap,JavaScript, ReactJS, NodeJS) provided by Udemy

## Experience

Sep 2018 – Jan 2019

### **Smart Grid & Distribution Automation System Bescom , Bengaluru – Project Engineer**

Ensure Proactive and Responsive Analysis of the Data of 11Kv Distribution Power Networks of Bangalore

- Collected real-time substations data from various region of the Bangalore using wire shark and auto classified the data based on various parameters
- Prepared various dashboards using **Python-Dash** for month on month Distribution Load Forecasting
- Evaluation and analysis of outage report using **Excel V-lookup, Chi-square, Normal and T-distribution**. Removed outliers using **Python** and **Pandas**
- Help organization to decide future loads of next month to forecasting on individual station loads to avoid overloading of the station and to ensure uninterrupted power supply using time-series analysis and **Excel**
- Worked on simple **Tableau** visualization for the purpose of presentations.

## Internships

11 Jun 2020 – 17 Aug 2020

### **Innodatatics ,Bengaluru - Data Science Intern**

- Data wrangling, Feature engineering, & Data visualization to get insights from the data doing EDA using Tableau, Python matplotlib and seaborn, R studio libraries
- Model building using various machine learning algorithms i.e. Supervised and Unsupervised algorithms
- Evaluation and analysis of insurance claims dataset using **Excel V-lookup, Chi-square, Normal and T-distribution**. Removed outliers using **Python** and **Pandas**
- Worked on scraping required data from various websites using **Python BeautifulSoup, Selenium**
- Worked on deployment of ml models using **Python Flask** framework on various cloud such as Heroku, Azure , & Kubernetes

03 Oct 2020 – 11 Nov 2020

### **Technolabs, Indore – Machine Learning Developer**

- Worked on case study of various machine learning classification algorithms
- Built and deployed the machine learning algorithm on cloud using python flask framework
- Currently working on one of the deep learning project provided by the organization

31 Oct 2020 – 01 Dec 2020

### **The Spark Foundation, Singapore – Data Science and Business Analytics Intern**

- Working on data wrangling, Data visualization, making insights reports
- Working on building business suitable machine learning models

## Projects

### Predicting E-Commerce Product Recommendation Ratings From Reviews

- Unstructured text data to analyze the dominant sentiments in various social documents and reviews forums using sentiment analysis, with the help of web scraping tools and API's  
**Technologies/Module** used: Python(NPM-libraries), Scikit-learn , NLTK contractions

### Flight Ticket Fare Analysis

- Built a machine learning algorithm to understand what factors will affects the price of the airfare and successfully able to predict the patterns . [click here](#) to view deployment  
**Technologies/Module** used: Python(NPM-libraries), Sklearn, Time-series and LSTM

### Credit Card Default Prediction

- Built a machine learning algorithm to predict if the client is going to be default or Not based on the previous moth survey conducted by the bank . [cleck here](#) to view deployment  
**Technologies/Module** used: Python(NPM-libraries), Sklearn, Logistic-regression, Decision trees, Random forest, Cross Validation

## Other Activities

- Participated in analytics vidya blogathon to write a blog on data science topics
- Completed **KPMG data science virtual internship** program

## Education

Jul 2015 - August 2018

**Visvesvaraya Technological University, Belagavi** - *Bachelor of Engineering in Electrical and Electronic specialization from Acharya Institute of Technology, Bengaluru*

**7.1 CGPA**