

UPENDER YADAV

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My objective is to have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

SKILLS

- **Statistics**– Descriptive Statistics, Inferential Statistics, Hypothesis Testing, ANOVA, t-test, z-test, Probability & Distribution
- **Machine Learning**– Decision Tree (CART), Random Forest, Regression, Logistic Regression, Support Vector Machines (SVM), Clustering (K-Means), K-Nearest Neighbours (KNN), Naive Bayes, Neural Networks (ANNs), Principal Component Analysis (PCA)
- **Deep Learning**– Tensorflow and Keras
- **Text Analytics & NLP**– TF-IDF Technique, Sentimental Analysis
- **Programming Languages**– Python for Data Science, R, C, C++, Progress
- **Database**– SQL
- **Visualization**– Matplotlib, Seaborn, Plotly, Tableau, Power Bi
- **Others**– Basic knowledge on application deployment using AWS and Heroku cloud, Knowledge of manufacturing processes.

EXPERIENCE

MARCH 2018 – PRESENT

SYSTEM ENGINEER, TATA CONSULTANCY SERVICES

Working on the data science related projects including data analysis of the medical manufacturing data using visualization tools and applying machine learning models for solutions to business problems.

Projects-

- **Quality control for prosthetics manufacturing machines**
 - This project included working on predicting quality and life cycle of the manufacturing machines.
 - Tools used- Visualization tools for basic Statistical Analysis, SQL, ML models (Classification Algorithms), Python with all the relevant libraries.
 - Role- Elementary Data Analysis of the raw data and parameter tuning for the model.
- **Improvement in whole Supply Chain**
 - This project included various parts including inventory's quantity prediction and product demand prediction.
 - Tools used- Visualization tools (Power BI) for basic Statistical Analysis, ML models

(Regression and Classification Algorithms) using Python, Deep Learning (ANN), SQL.

EDUCATION

MAY 2012

12TH, RRCM SCHOOL

73.16%(CBSE)

MAY 2017

B. TECH(ECE), DCRUST MURTHAL

7.52 CGPA

OTHER PROJECTS

- Customer churn for the telecom industry, Credit and Bank deposit prediction and Voice recognition.
- Classification of Encrypted data using KNN.
- Expertise level of gamers and Customer segmentation.
- Medical insurance cost prediction

CERTIFICATIONS

Won on the spot award multiple times on job for handling critical issues without getting production activities affected, within time constraints.

EXTRACURRICULARS

- **Dec' 19** – Arranged the meets and events for the client visits in the office premises
- **Feb' 16** – Won Inter-University Volleyball Championship as captain of the team
- **Feb' 15** – Won Inter-University Volleyball Championship as captain of the team