# Deeksha Shetty

## Software Engineer

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Passionate Data Analyst with 3.3 years of experience in the IT Industry.Excellent reputation for resolving problems and having a good customer experience. A budding, discipline Data Analyst.Ability to be **adaptable** and **flexible** in responding to deadlines. Proven track record of analyzing huge volumes of data to gain business insights using **SQL**, **Python, Tableau, R.**

## SKILLS

| Programming | Python | SQL(Databases) | CSS | SharePoint | Exploratory data analysis(EDA) | Statistics | Machine Learning | R Programming |

| Visualization | Tableau | Google Colab | Jupyter Notebook | R studio | Microsoft PowerPoint | MS Excel |

| Soft Skills | Verbal and communication | Problem solving skills | Presentation skills | Storytelling | Organizational Skills | Leadership quality |

## WORK EXPERIENCE

**Software Engineer**                    LTI Organization, Bangalore                    **Aug 2018 - Present**

- Worked on **analytical projects(**(Descriptive and Predictive) for Identifying and documenting detailed **business rules and use cases** based on requirements analysis.
- Produced **monthly reports** using advanced **Excel** spreadsheet functions and SQL
- Achieved **Manager's Choice Award** for my work on the Life Science Domain project.
- Received multiple **Appreciations** from the Clients for completing the work within deadline.

## EDUCATION

| Data Analyst Master's Training : Data Analytics | Intellipaat Software solutions | Grade: A | Feb 2021 - Nov 2021 |
|---|---|---|---|

Worked on several **Real-time applicable projects** which are done by using **Python, R, and Tableau, Databases(SQL).**

| BE/B.Tech: Computer Science Engineering | CMR Institute of Technology | 70% | Aug 2014 - Jul 2018 |
|---|---|---|---|
| 12th Std: Science | SR PU College Hebri | 91.33% | Jul 2012 - May 2014 |

## ACTIVITIES

1. Participated in **Shristi** 2016 Project Exhibition And Competition
2. Completed **NPTEL Online Certification** in Introduction to Modern Application Development course.
3. Participated in **2nd INDIAN ENGINEERING OLYMPIAD(IEO)** exam which was conducted on 26th February 2017.

## CERTIFICATIONS

### Data Analyst Master's Training from Intellipaat

- **Data Analytics training course completion Intellipaat** certificate
- **Python for Data Science Training** course completion certificate
- **R Programming for Data Science Training course completion** certificate
- **MS SQL Training** course completion certificate
- **Tableau Desktop Training course completion** Certificate

# PROJECTS

## 1. Performing Analysis on Customer Churn Dataset

**Problem Statement**:
1. Analysis of Employment reliability of employees in the telecom industry:-
2. Used Customer Churn data set for Data Cleaning, Data Analysis, Data Visualization to understand the data.
3. Implemented different algorithms like **linear regression, Logistic regression, Decision Tree, Random forest, k- nearest neighbor, hypothesis testing, statistical significance, probability distributions, SVM, Random forest, KNN Algorithm**
**Skills**: Algorithms, analytical methods, Manipulation, Data Visualization, Reports, Python Language

## 2. Customer Analysis Dashboard using Tableau

**Domain**: Retail, Finance
**Problem Statement:**
1. To increase the business from the company's customers., built a **dashboard** that will present some statistics about the customer's sales, and profit performance.
2. Connected Data source (**Microsoft excel**) and produced attractive **visuals/dashboards** to convey the **story** inside the data. and published them online to share.
3. Created charts like **bar charts, line charts, donut charts, maps, tables,** and **dual-axis** and also worked on **set, hierarchies and groups.**
**skills: Data visualization, sets, data blending, Data Integrity, Data Analytics, Data profiling, Detail-Oriented, visual analytics, organizing data, mapping, charts and graphs, dashboard design, and stories**

## 3. Cars dataset prediction Analysis

**Problem statement:**
1. Used **K-means clustering** algorithm in python to help a user to make an informed buying decision about a car.
2. Used **Elbow method** to find the optimal number of clusters

## 4. Data Cleaning Operations using Census Dataset

**Domain: Government**
**Problem Statement:**
1. Performing Data Cleaning operation on a raw dataset to predict whether an individual makes over 50000 a year or less.
2. Changing around various with respect to a label to perform **Exploratory Data Analysis(EDA)**
3. Performed different types of charts/graphs like **bar-plot,scatter-plot,box-plot,Histogram**
4. Performed different types of machine learning algorithms like **linear regression, logistic regression, Decision Tree, Random forest.**
**skills: Data Analysis, Data preprocessing, Data Cleaning Operation, Mathematics, Data Manipulation, Data Visualization, R Programming Language**