

# Jaya Raghavendra Bobbili

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📄 <https://github.com/JayaRaghavendra>

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## ⚡ SUMMARY

Business-driven data enthusiast with good skill in data analysis, data visualization, predictive regression models, machine learning models etc. I am looking for an opportunity to utilize my skills and provide modern-day solutions along with data insights.

## 📄 DATA SCIENCE PROJECTS

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### PREDICTING THE PRICE OF FLIGHT TRAVEL IN INDIA

- Developed a regression model with 0.84  $r^2$ \_score in predicting the flight price between two destinations. Cleaned the data efficiently without losing essential information. Captured all the possible insights and visualized them for companies to make decisions quickly.

### PREDICTING THE PRICES OF USED CARS

- Thoroughly cleaned the dataset, normalized, and encoded the data for training the machine learning model. Built a Machine Learning model using Random Forest regression and XGBoost regression with 0.92  $r^2$ \_score. Documented code into my GitHub repositories.

### PREDICTING THE FOOD DELIVERY TIME

- Developed classification model with 80% accuracy rate in predicting the delivery time by using all variables. Got some insights from data from visualization. Transformed categorical variables into numbers to make our models to understand with label encoders. Applied cross validation technique for best accuracy finally applied all models once.

### ANALYZING THE POLLUTION IN INDIA

- Primary focus on exploratory data analysis. Used data imputation techniques to fill the null values, applied data cleaning methods using python, and grabbed the most pollution effected features. Found so many insights from cleaned data and finally made all these insights into a single visualization([link](#)).

### CUSTOMER CHURN PREDICTION IN TELECOM FROM KAGGLE

- Used data imputation techniques to fill the null values, applied data cleaning methods using python. cleaned the dataset, standardized and encoded the data for training the machine learning model. Built a Machine Learning model using Logistic, Random Forest and XGBoost classifiers with 80% accuracy. Documented code into my GitHub repositories.

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## ANALYZING UNDERGROUND WATER RESOURCES IN INDIA

- Primary focus on exploratory data analysis. Used data imputation techniques to fill the null values, applied data cleaning methods using python. Made a BAR GIF from the cleaned data.

## 👛 PROFESSIONAL EXPERIENCE

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**Bigdatamatica Solutions Pvt Ltd**, Data Science Intern | Hyderabad | Apr 19 – Aug 19

**Accenture Solutions Pvt Ltd**, GIS Analyst | Hyderabad | Dec 16 – Mar 19

**Wipro Technologies**, Program Engineer | Bangalore | Nov 15 – Mar 16

## CERTIFICATIONS and AWARDS

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- |                               |   |                            |
|-------------------------------|---|----------------------------|
| ▪ Machine Learning            | : | Simplilearn 2019           |
| ▪ All Python Development suit | : | Simplilearn 2019           |
| ▪ Data Science with Python    | : | Simplilearn 2019           |
| ▪ Encore Awards               | : | Accenture Q3 2018, Q1 2019 |
| ▪ Top Performer in Quality    | : | Accenture Q3 2017, Q1 2018 |

## SKILLS AND TOOLS

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- Data Science
- Machine Learning
- Data Analysis
- Data Cleaning
- Data Visualization
- Python
- Microsoft Office and Excel

## AI Community Contributions

- Medium : [DATA Exploration & Preparation](#)

## LANGUAGES

- English and Telugu

## HOBBIES

- Traveling, Teaching, Photography, Editing memes, Doing Magic Tricks.