

# SHARATH KUMAR T S

Targeting assignments in Data Science and Data Analytics domain  
with an organization of repute in IT industry.

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## 🧠 Profile Summary

- Presently doing **PG Diploma in Data Science** from **IIITB** through **upGrad**.
- Worked with **Schneider Electric, Bangalore** as **Business Analyst**.
- Worked with **Cognizant, Bangalore** as a **Data Analyst**.
- Comprehensive knowledge of **Data Science** concepts with algorithms including **Linear Regression, Logistic Regression, Clustering (K-means, hierarchical), Advanced Regression, Decision Tree and Random Forest**.
- **Dimensionality Reduction Methods** like **PCA**.
- Other Data Science concepts like **Model Selection, Advanced Regression, Tree Model, Lasso & Ridge Regression, Boosting**.
- Learning concepts of **NLP**.
- Comprehensive knowledge on languages like **Python, SQL, Scala**.
- Worked on Data Analysis tools like **Excel, Tableau**.
- Worked on Data Preparation, Data Visualization.
- Proficiency in processing large sets of structured, semi-structured & unstructured data and supporting systems application architecture
- Comprehensive knowledge of **Spark, Hadoop, HDFS, HIVE, Pig, Sqoop**.
- A keen communicator with honed interpersonal, problem-solving and analytical skills
- Willingness to work on things regarding Data Science and Machine Learning.

## Soft Skills



## Personal Details

### Date of Birth:

7<sup>th</sup> December 1993

### Languages Known:

English, Kannada and Hindi

### Address:

#98, 3<sup>rd</sup> floor, 5<sup>th</sup> cross, Malleshwaram, Bengaluru- 560003



## Core Competencies

- Data Analysis
- Data preparing and Visualization.
- Data Modelling and Evaluation.



## Certifications

- Certified by Simplilearn as:
  - Big Data Hadoop and Spark Developer
  - Apache Kafka
- Completed Java Certification from Testing Campus in 2016
- Currently Perusing PG diploma in Datascience from Upgrad.

## 🔧 Technical Skills

### Data Science Ecosystems:

**Machine Learning concepts:** Linear Regression, Logistic Regression, Clustering methods like K-Means & Hierarchical. Dimensionality methods like PCA, Decision Tree, Boosting, Lasso and Ridge Regression.

**Big data concepts:** Spark, Hadoop, HDFS, Hive, Pig, HBase, Sqoop.

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**Programming Languages:** Python, SQL, Scala, R.

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**Tools:** RStudio, Tabulae, PowerBI, Jupyter Notebook.

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**Platforms:** Windows & Linux

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## 👜 Organizational Experience

**Cognizant, Bangalore**  
**Data Analyst**

**Feb 2017 to June 2018**

**Project: Kaiser Permanente**  
**Key Result Areas:**

- Worked on incident Management, Work Order and CRQ datasets.
- Worked on Excel to prepare the Charts which could give a brief idea about the amount and type of CRQs which we got for each department.



## Training

- Successfully completed Big Data Hadoop and Spark Developer course from Simplilearn in 2017
- Presently doing PG Diploma in Data Science from IIITB through Upgrad.
- Attended the 3 days' workshop on Artificial Intelligence and Robotics held at KSTA Bangalore and won First prize in the workshop.

- Worked on Excel to visualize the data in the tabular form, and in graphical representation in the form of charts.
- Worked on resolving small incidents, which can be done by few lines of code.
- Worked on PPT by adding all the graphs and points indicating the major aspects happened in the respective week, wrt CRQs.

## Schneider Electric , Bangalore Business Analyst

July 2018 to Aug 2019

### Key Areas:

- Worked on Excel for data clubbing and cleaning the dataset for making it available for future data processing.
- Worked on Tableau for Analysing data regarding PanelBuilders, OEMs, Contractors from different regions of the country, and finding the important information about the business made by the partner to SE in the form of graphs.
- Worked on preparing different types of graphs for better Visualization of the data, better understanding and for better presentation of it.
- Worked with the Strategy team related to Panel Builder & contractors within the country by constantly monitoring the business data and alerting my superiors whenever there is any issue.



## Education



**Bachelor of Engineering in Instrumentation Technology** from Dr. Ambedkar Institute of Technology, Bengaluru; *secured CGPA - 7.46*

**12<sup>th</sup>** from MDF Ind. PU College, Sagar; *secured 74.8%*

**10<sup>th</sup>** from MGN Pai High School, Sagar; *secured 90.24%*



## Project & Assignments with Upgrad and Kaggle

**Title:** **Lead Scoring**  
**Algorithm:** Logistic Regression  
**Description:** The dataset consisted of data wrt several customers who were interested in joining a course, Our task is to make the conversion rate to take from 30 % to 80%. Cleaned the data, removed unwanted columns along with outliers, Used logistic regression to build the model, used RFE to remove columns with less weightage, trained and tested the model.

**Title:** **NGO data**  
**Algorithm:** k-means and Hierarchical  
**Description:** The data set consists the data regarding many countries, such as their PgdP, Child mort rate, health index, Our task is to cluster the countries into different clusters and find the countries with least pgdp, child mort rate. Used k-means and hierarchical clustering algorithm to create the clusters.

**Title:** **Automobile company Problem**  
**Algorithm:** Linear Regression  
**Description:** Dataset consists of data regarding various factors on car which may be considered while pricing a car, Our job is to find top parameters on which the car price varies. Here we used linear Regression Algorithm to prepare the model. Here we used RFE method to find the top columns for building the model.