

DILIP KUMAR

A **Data Science and Machine Learning** engineer with strong math background, passionate about cutting-edge technology and solving real-world problem with previous experience in technical field, explaining data science to nontechnical business audiences.

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<https://github.com/dk4u90>

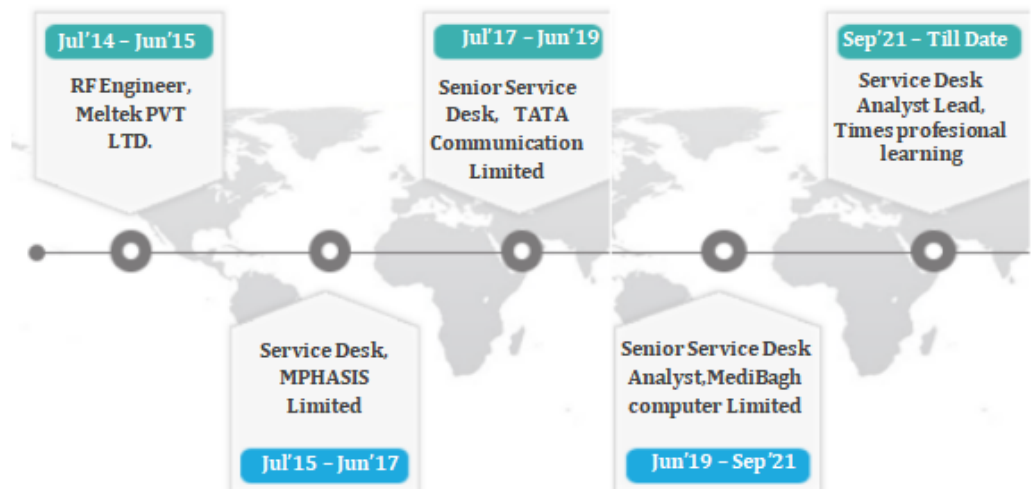
<https://public.tableau.com/app/profile/dilip.kumar7677>

## Skill Summary

- ❖ **Achievement-driven professional industry Experience** with an experience of **nearly 6 years**.
- ❖ Strong **Analytical** skill **Advanced Statistics** proficiency and **Certified in Data Analysis and Machine Learning**.
- ❖ Extensive knowledge of working with **data mining, statistics, machine with learning/predictive analytics**.
- ❖ **Technical Skills** and **libraries** such as **MySQL, Jupyter, Sklearn, Numpy, Pandas, Matplotlib, Tableau** and **power of BI for Data Visualization**
- ❖ Decades of experience **Web scraping using selenium**.

## Core Competencies

ML	★★★★★
Data Analysis	★★★★★
Statistics	★★★★★
Data Visualization	★★★★★
Modeling	★★★★★
Python	★★★★★
Tableau and Power of BI	★★★★★
Deep Learning	★★★★★
NLP	★★★★★



## Education

- ❖ **B.E. (Electronics and Telecommunications)** from **ACEM College of Engineering, Pune University**, in 2014 with 60%.

## Courses and Certifications

- PG Program in Data Science, Machine Learning and Neural Networks
- Business Analytics with Tableau
- C/C++
- Basic Java
- Python

## Highlight

### Annexure (Projects Till Deployment)

Project:

1. **Diabetes Prediction**
2. **Used Car Price Suggester**

Project Aim:

**Automating the Support Process And Product Reviews and Analysis**

Technology:

**Machine Learning, Python, Sklearn, Keras, Tensor-flow, PyTorch, Tableau for Data Visualization.**

Pipelines Created:

**Data Collection | Feature Engineering | Feature Selection | Model Creation | Model Hyper-parameter Tuning | Model Deployment using Heroku Cloud | Model Retraining Approach | Model Results Dashboard using Tableau or Power Bi**

Project Name	Model Name	GitHub Link	Web Link
Diabetes Prediction	Random Forrest Classifier	<a href="https://github.com/dk4u90/Diabetes-Predictor">https://github.com/dk4u90/Diabetes-Predictor</a>	<a href="https://diabetespredictor1437.herokuapp.com/">https://diabetespredictor1437.herokuapp.com/</a>
Used Car Price Suggester	Random Forrest Regressor	<a href="https://github.com/dk4u90/carpricedk4u">https://github.com/dk4u90/carpricedk4u</a>	<a href="https://carpricedk4u.herokuapp.com/">https://carpricedk4u.herokuapp.com/</a>



## Representative Project Experience summary

■ Advertising Sales Channel Prediction ■ Customer Churn Analysis ■ Baseball Predicted Wins ■ Big Mart Sales ■ Doctor's Consultation Fee ■ Flight Price Prediction ■ Titanic survived ■ Insurance Claims Fraud Detection ■ Indian E-Commerce Customers activation and retention ■ HR Analysis

### Employment Scan

#### Internship of 6 month in Company Flip Robo.

- ❖ Utilized Web scrapping technique to automatically scrape the specific elements from different course websites.
- ❖ **Data Science/ ML:** Have done data wrangling, cleaning and translation, handling missing data and outliers to deliver impact analysis
- ❖ **Data Visualization:** Delivered insightful dashboards and reports which was used by stakeholder to take decisions.
- ❖ **Feasibility Analysis:** Directly coordinated with Client partners to understand business requirements, convert them into business use-cases and analyze their technical implementation feasibility.
- ❖ **Advanced Analytics:** Hands on and well-versed with advanced analytical concepts like Probability, Distributions, Sampling & Estimations, Hypothesis Testing.
- ❖ Experience with visualization tool such as Tableau, Power BI as well as with Python (matplotlib and seaborn).

#### TPL: Service Desk Analyst Lead, Delhi

Sep 2021-Till Date

- ❖ Working closely with business and engineering teams to experimental design, data capture and data analysis
- ❖ Developed dashboards for internal executives, board members and reported on key performance indicators.
- ❖ Utilized excel functionality to gather, compile and analyze data from pivot tables and created graphs/charts.
- ❖ Provided analysis on any claims data discrepancies in reports or dashboards.
- ❖ Developed an advanced excel spreadsheet for caseworkers to capture data from consumers.
- ❖ Created charts and graphs Microsoft excel for reporting findings, performed all the analysis required
- ❖ Responsible for the analysis, data validation, and submission of Hedis reports on an annual basis.

#### MBC: Senior Service Desk Analyst, Delhi

Jul 2019-Sep 2021

- ❖ Provided initial technical support in solving personal computer device needs, issues, and requests.
- ❖ Provided staff and users with assistance solving complex computer hardware and software related issues.
- ❖ Documented help desk tickets/resolution thru Service Desk, and maintained equipment inventory lists.
- ❖ Conduct insightful, ad hoc analyses to investigate ongoing or one-time operational issues
- ❖ Suggest changes to senior management using analytics to support your recommendations.
- ❖ Create informative, actionable and repeatable reporting that highlights relevant business trends for improvement

#### TCL : Senior Service Desk, Pune

Jul 2017 - June 2019

- ❖ Determine operational objectives, gathering information; evaluating output requirements and formats
- ❖ Construct workflow charts and diagrams; studying system capabilities; writing specifications
- ❖ Define project requirements by identifying project milestones, phases and elements; establishing project budget
- ❖ Monitor project progress by tracking activity; resolving problems; publishing progress reports; recommending actions
- ❖ Prepare technical reports by collecting, analyzing and summarizing information and trends
- ❖ Interpret, evaluate and interrelate research data and develop integrated business analyses
- ❖ Perform daily, weekly and monthly reviews and analyses of current processes using operational metrics and reports

#### Mphasis: Service Desk, Pune

Jul 2015 - Jun 2017

- ❖ Diagnosed and responded to routine problems through interactions with end-users.
- ❖ Logs incidents and service requests and maintains relevant records.
- ❖ Created helpdesk tickets, and respond to guests when issues are resolved.
- ❖ Provided the first-line technical support when handling calls.
- ❖ Escalates complex or unresolved incidents.
- ❖ Contributes to creation of support documentation.

## Personal Details

**Date of Birth:** 15/12/1990

**Languages Known:** Hindi, English

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