

## KARUNAKARAN R

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[github.com/karuna](https://github.com/karuna)

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### CAREER OBJECTIVE

As a Data Analyst fresher skilled in SQL, Python, Statistics, Tableau, Power BI and Excel. Experienced in Customer Data Analysis, Telecom Churn Prediction, Job Market Analysis and Profit Analysis projects. Seeking an Data Analyst role to deliver actionable insights and support data-driven decision making.

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### EDUCATIONAL QUALIFICATIONS

#### B. Tech in Artificial Intelligence and Data Science (AI&DS)

Nehru Institute of Engineering and Technology, Anna University | 2025 | CGPA: 7.3

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### TECHNICAL SKILLS/TOOLS

**Languages** : SQL, Python, Mongo DB

**Frameworks** : Pandas, NumPy, Scikit-learn, Matplotlib

**Tools** : Excel, Power BI, Tableau, IBM Cognos Analytics, Orange, Git

**Platforms** : Jupiter Notebook, IBM Watson Studio, VS Code

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### PROJECTS

#### Client Project

##### Telecom Churn Prediction using ML | Sep 2025 | [Link](#)

**Tools** : SQL, Excel, Python, Hugging Faces Spaces and Power BI

**Description** : Developed a machine learning model to predict telecom customer churn for achieving strong classification metrics.

#### Key Results

- Built churn risk scoring system and introduced CHURN-FLAG YES (1)/NO (0) for campaign targeting.
- Created Power BI dashboards to visualize churn insights and support retention strategies.

#### Capstone Projects

##### Customer Data Analysis | Sep 2025 | [Link](#)

**Tools** : SQL, Excel and Power BI

**Description** : Performed end-to-end analysis of purchase distribution of customer from 10 different shopping malls, including data cleaning, transformation and visualization.

#### Key Results

- Identified customer distribution by gender, age, payment methods and purchase behaviour.
- Creating interactive power BI dashboard with KPI and slicers for better decision-making.

##### Job Market Analysis | Sep 2025 | [Link](#)

**Tools** : Python and Tableau

**Description** : Performed EDA using python, process like data cleaning, handling missing values and done several task using tableau for better understanding.

#### Key Results

- State wise job openings, salary analysis and education vs salary impact using python.
- Same task I done using tableau. I created dashboard for visualization for better understanding.

## Profit Analysis | Sep 2025 | [Link](#)

**Tools** : Excel and Tableau

**Description** : Performed regression analysis in Excel and find the intercept and co-efficient value. Predict the profit for new input values using the regression equation.

### Key Results

- Profit prediction for new inputs using the regression equation.
  - Created dashboard for state-wise profit comparison, R&D spend, Administrations spend, Marketing vs profit, profit contribution by features and uses KPI card (Total profit, Average profit, Maximum profit).
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## INTERSHIPS EXPERIENCE

### Data Analyst Consultant Intern (Rubix – Bengaluru)

**Apr 2025 – Sep 2025**

- Worked on real-time data analytics and consulting projects, applying tools like Excel, SQL, Power BI, and Python for data cleaning, visualization, and insight generation.
- Delivered data-driven dashboards and reports, effectively balancing theoretical knowledge with practical problem solving to address business challenges and support client decisions.

### Data Analytics and Visualization Job Simulation (Accenture - Online)

**Jul 2024 – Aug 2024**

- Performed data cleaning, analysis and visualization to derive insights from business datasets.
- Built interactive dashboards and reports using Excel, Tableau and Power BI to support decision-making.

### Data Science and Machine Learning (YBI Foundation - Online)

**Aug 2024**

- Gained hands-on experience in building and evaluating ML models such as regression and classification.
  - Applied Python (NumPy, Pandas, Scikit-learn) for data preprocessing, feature engineering and model training.
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## CERTIFICATIONS

- **NASSCOM** : Certified Data Analyst
- **IABAC** : Certified Data Analyst
- **TCS** : NQT Score Card
- **Alteryx sparked-AICTE** : Data Analytics Process Automation (Virtual Internship)
- **Google for Developers-AICTE** : AI and ML (Virtual Internship)
- **ALTAIR** : Data Science Master (Virtual Internship)
- **CISCO** : Networking Essential (Course)
- **Google Cloud** : Generative AI (Virtual Internship)