

# Surya Chacko

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## Experience

### Data Science Intern

Sept 2023 - June 2024

- Developed ML pipelines for data preprocessing, model training, and evaluation.
- Created and presented 10+ detailed reports and visual presentations to stakeholders, enhancing understanding of project metrics; the clear communication led to increased stakeholder engagement and alignment on project goals.
- Collaborated with teams to implement scalable solutions using traditional and deep learning methods.

## Projects

### Machine Learning Project - House Price Prediction

- **Objective :** Analysis of house price prediction data using machine learning techniques to predict house price based on demographic features.
- **Tools and Techniques:** Python, Pandas, Numpy, scikit-learn for data preprocessing and modelling. Matplotlib, Seaborn for data visualization.

### BI Analytics Project

- Collaborated with a mentor to understand comprehensive project requirements.
- Developed a detailed project plan, including milestones and timelines, to ensure successful completion of each phase.
- Identified and developed key lag and lead indicators essential for business performance.
- Designed and developed a Power BI dashboard to visualize Superstore sales performance across different geographies and to forecast future sales.
- Customized the dashboard based on mentor feedback to enhance its effectiveness and usability.

## Education

### M.sc Mathematics

Kannur University  
2021 - 2023

### B.sc Mathematics

MG University  
2018 - 2021

## Skills

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- Python
- EDA Tools - Numpy, pandas
- Data Visualization - Matplotlib, Seaborn
- Machine Learning (Supervised & Unsupervised Learning)
- Data Analysis
- Predictive Analytics (Classification & Regression)
- NLP
- Power BI
- MS Office
- Mathematics

## Certificate

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- Certified in Big Data Analytics & Data Science.
- Cisco An Introduction to Data Science.

## Language

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- English
- Malayalam