

# HARIHARAN G

Detail-Oriented data analytics professional, recently completed the Google Data Analytics professional certificate, IBM Data Analytics professional certificate and skill training in Data Science and Artificial Intelligence from AVODHA edutech. Excellent understanding and effective data analysis including SQL, Sheets, Excel, Tableau, PowerBI, and Python with strong communication, organizational and analytical skills.

## Skills

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- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, Matplotlib, Seaborn, Sci-kit Learn, BeautifulSoup2)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- PySpark
- Microsoft Power BI

## Projects

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### BANK MARKETING CAMPAIGN EDA – Personal Project – <https://tinyurl.com/27fj4a9t>

- Leveraged python libraries like **Numpy** and **Pandas** for meticulous **data cleaning** and **preprocessing** in a bank marketing campaign project.
- Conducted in-depth **exploratory data analysis** leveraging **matplotlib** and **seaborn**, revealing key insights that drove strategic decision-making and informed product enhancements resulting in a 20% increase in conversion rates.
- Engineered a sophisticated **machine learning model**, optimizing performance through **hyperparameter tuning**, culminating in the selection of the most effective model for **predictive analytics**.

### HR EMPLOYEE DISTRIBUTION DASHBOARD – Personal Project – <https://github.com/Hariharan-G-Nair/HR->

- Created an interactive **dashboard** that shows gender, location, race and termination rate distribution on an HR employee distribution dashboard project.
- Employed advanced **MySQL** skills to streamline **data cleaning** procedures, leading to a 25% increase in data accuracy and a 30% improvement in overall database performance.
- Created dynamic and interactive dashboards leveraging **PowerBI** for **visualization**.

### IBM DATA ANALYTICS CAPSTONE PROJECT – Course Project of IBM – <https://tinyurl.com/5ah458yf>

- Utilized **Python**, **SQL** and **Excel** to analyze and extract insights from stack overflow developer survey as part of IBM Data Analytics Capstone Project.
- Designed interactive dashboards using **IBM Cognos Analytics** to visualize data trends, enhancing decision-making process.
- Communicated findings effectively through a compelling **PowerPoint** presentation, showcasing analytical prowess and **communication skill**.

## Work Experience

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### DATA ANALYST INTERN – Academor – Thiruvananthapuram

December 2022 – January 2023

- Conducted comprehensive **data cleaning** and **preprocessing** to ensure the accuracy and integrity of datasets, employing tools such as **Python** and **SQL** to streamline data pipelines and enhance efficiency and increased production up to 20%.
- Assisted in the creation of insightful **data visualizations** and reports using **PowerBI**, translating complex findings into clear, actionable insights for stakeholders, contributing to informed decision-making and time saving.

## Education

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### BACHELOR OF TECHNOLOGY IN MECHANICAL(PRODUCTION) ENGINEERING

August 2019 – June 2023

From: Sree Chitra Thirunal College of Engineering, Thiruvananthapuram