

AJAY PALANISAMY

+91 70108 26401 | ajaypalanisamy515@gmail.com | Tamilnadu | [GitHub](#) | [Linked in](#)

CAREER OBJECTIVE

Passionate and detail-oriented Data Analyst with practical experience in Excel, SQL, and Tableau. Proficient in data analysis, visualization, and reporting. Eager to apply analytical and technical skills to real-world business challenges and contribute to data-driven decision-making in a dynamic organization.

EDUCATION

BSc in Computer science

Govt. Arts College, Ariyalur | Bharathidasan University - 2020 / 2023

TECHNICAL SKILLS

Excel: PivotTables, What-If Analysis, Power Query, Macros, Charts.

SQL: Joins, Aggregations, Grouping, Subqueries, Data Cleaning

Tableau: Dashboards, Trend Lines, Maps, Calculated Fields, Interactivity

Power bi : Data cleaning, DAX, dashboards, data modeling, Power Query, visuals, report publishing.

Python : Skilled in Python for data cleaning, analysis, visualization, and SQL integration.

Statistics: Descriptive statistics, probability distributions, hypothesis testing, correlation, and regression analysis

Data Science: Machine learning, Deep learning, Regression , Classification, Neural Networks

SOFT SKILLS

- Analytical thinking.
- Problem-solving
- Flexibility
- Team collaboration

INTERNSHIP:

Data Science & Data Analyst - KGiSL MicroCollege.

CERTIFICATE - COURSERA

- Data Visualazation In Excel
- Power BI- Data Analyst Associate Prep
- Python for Data Science, AI & Development

PROJECTS

MySQL-IMDb dataset

Applied advanced MySQL on IMDb data to analyze top movies, genre trends, and production patterns, improving data cleaning and query skills

Excel & MySQL - Global Salary Survey dataset

Analyzed global salary trends with Excel and MySQL; built dashboards and insights for career planning.

Excel , MySQL & Power BI-Global Population & GDP Growth Analysis

An interactive Power BI project analyzing global population, GDP, literacy, and health trends from 1960–2017 using Excel, MySQL, and DAX for statistical insights.

Power BI - Employee Attrition analysis

This project identifies key factors behind employee turnover using Power BI dashboards, DAX measures, and visual insights to support HR decisions and improve retention.

Python-Laptop Analysis

Analyzed laptop dataset using Python to uncover key factors driving price variations and market segmentation.

Machine Learning-Algorithms

A comprehensive study of six key machine learning algorithms applied to a sample dataset, with detailed analysis, evaluation, and insights.

CNN-Road Sign Detection

Built a CNN-powered system with an interactive Streamlit app to detect road signs in real time — contributing to safer autonomous driving.

Data Science-E Commerce Mobile Analysis

End-to-end analysis of e-commerce mobile data using machine learning for price prediction and market insights.

TABLEAU-Entertainment dataset

Built interactive Tableau dashboards to analyze revenue, profit, and regional performance for business insights