

BHARATHNIVASAN J

+91 7339123643 • nivasanbharath@gmail.com • [LinkedIn](#)

PROFESSIONAL SUMMARY

Analytical and detail-oriented Junior Data Analytics skilled in Python, SQL, Power BI, Tableau, and data modelling. Adept at developing ETL pipelines, analyzing large datasets, building interactive dashboards, and delivering actionable business insights. Demonstrated expertise in data cleaning, predictive analytics, and machine learning to optimize business decisions. Proven ability to collaborate within cross-functional teams to drive innovation and efficiency.

EDUCATION

Masters in Applied Statistics and Data Analytics

July 2023 – May 2025

Amrita Vishwa Vidyapeetham, Coimbatore, India

Bachelors in Statistics

August 2020 – May 2023

Dr. Ambedkar Government Arts College, Chennai

SKILLS

Data Analysis & Processing: Python (Pandas, NumPy, Scikit-learn), SQL (MySQL), R, Excel, SPSS.

Data Visualization: Power BI, Tableau, Matplotlib, Seaborn, Dashboard Design, DAX, Power Query.

Machine Learning & Statistics: Regression, Classification, PCA, Feature Engineering, Model Evaluation

Databases & Cloud: AWS (basic), Azure, MongoDB, ETL & ELT Pipelines.

Soft Skills: Problem Solving, Communication, Collaboration, Data Storytelling, Adaptability, Learning mindset.

KEY PROJECTS

1. Hybrid Machine Learning Model for House Price Prediction

- Built a blended XGBoost and Gaussian Process Regression model for accurate house price forecasting.
- Automated feature preprocessing and cross-validation workflows using Python and Scikit-learn.
- Created interactive Power BI dashboards to visualize model outputs and business KPIs.

2. Instagram Engagement Analytics Using Python

- Analyzed post reach and engagement data from multiple sources (Home, Explore, Hashtags).
- Developed Power BI dashboards highlighting engagement trends, optimal post times, and sentiment insights.

3. Impact of Cigarette Consumption on CHD Risk (10-Year Study)

- Conducted regression and PCA-based exploratory analysis using SPSS and Python.
- Visualized major health indicators and risk trends with Matplotlib and Seaborn.

4. Property Management Application Using Salesforce

- Designed an integrated dashboard for property listings, loan tracking, and sales analytics using Salesforce reporting tools.
- Enabled marketing and sales teams to monitor performance and discount insights in real time.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals – Microsoft Ignite

SQL for Data Analysis – Udemy

Salesforce Associate – SmartInternz (Trailhead, Naan Mudhalvan)

PROFESSIONAL ATTRIBUTES

- Collaborative project experience in innovative, growth-focused environments
- Strong communication and stakeholder engagement for business intelligence delivery
- Adaptive approach to emerging technologies and business challenges