# Karunamanalan T

## *Analyst*

## PROFESSIONAL EXPERIENCE

**Tata Consultancy Services - Bangalore, Chennai | Nov '21 - Present**
**Profile Summary**

- Collaborated with business stakeholders to gather requirements, ensuring data governance and compliance. Provided data-driven insights and recommendations to inform product decisions and priorities
- Proficient in writing complex SQL queries, optimizing database performance, and manipulating large datasets.
- Demonstrated end-to-end visual reports, key performance indicator scorecards, measures, and dashboards using Power BI, Qlik Sense, and Advanced Excel (exception reports, delivery reports)
- Supported strategic engagements, market research and analysis, and priority projects and delivered high quality and insightful deliverables to senior leaders across the practice.
- Optimized DAX (Data Analysis Expressions) in data modelling, publishing, and scheduling Microsoft Power BI reports helped in report performance tuning

## PROJECTS

**Domain: Telecommunications** | Jan '23 – till date

- Performed data analysis and extraction using SQL to generate reports and insights for senior management and Utilized SQL to query and extract data from relational databases, performing data cleansing and validation for business intelligence.
- Conducted Exploratory Data Analysis (EDA) and prepared client deliverables, improving cost forecast accuracy and reducing operational costs by 40%. Proficient in Qlik Sense data modeling and QVD incremental extraction to optimize storage and performance
- Analyzed workforce performance metrics to identify trends, forecast demand, and recommend optimizations for workforce distribution and resource allocations using Microsoft Power BI

**Domain: Manufacturing**| Nov'21 – Dec' 22

- Conducted ETL (Extract, Transform, Load) processes to integrate data through data interpretation and analysis of integrated reporting components from multiple data sources and implement row-level security on data into Microsoft Power BI
- Managed business requirements and participated in design review sessions to identify gaps in processes through quantitative models.
- Performed in-depth analysis to derive insights from sales reports data that drive key business decisions using Power BI

## EDUCATION

**PSG College of Technology**                    Coimbatore. | Jun '16 - Jun '21
Bachelor of Engineering in Production Engineering (SW)

Secured 68.82%

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## SUMMARY

Experienced Business Intelligence Analyst adept at driving operational excellence through data-driven insights for 2.5 years. Proficient in transforming large datasets into actionable intelligence, facilitating informed decision making for global stakeholders.

## TECHNICAL SKILLS

Tools/Languages: SQL, Microsoft Power BI, Qlik Sense, Python, DAX, Power Pivots Advance Excel| Database: Oracle| Data Visualization |Data Analytics| Dashboard Development Productivity tool: MS Office Suits

## CERTIFICATIONS

- **Microsoft Certified: Power BI Data Analyst Associate certification (Microsoft certification ID: 993836890)**
- **Green Belt Certified in Lean and Six Sigma (Credential ID 19425771)**

## ACHIEVEMENTS

- Received "Applause Team Award" for my outstanding contribution to the project.
- Received Appreciation from the Clients.

## AREA OF INTERESTS

Data analyst, Business Analyst, BI Analyst, Reporting Analyst, Power BI Developer

## ADDITIONAL INFORMATION

**Languages**: English (Full Professional Proficiency)
Tamil (Native or Bilingual Proficiency)