

# Vishal Dalawai

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## WORK EXPERIENCE

### TATA CONSULTANCY SERVICES

#### System Engineer

July 2022 - Present

- Developed interactive Power BI dashboards using **DAX, Power Query and data modeling** improving **data visualization** and enhancing decision-making efficiency by **30%**.
- Refined complex **DAX queries** to improve calculation performance, reducing report refresh time by **40%**, saving **10+ hours** weekly.
- Designed robust **data models** and integrated **SQL databases** with Power BI, improving real-time data accuracy by **95%**.
- Strengthened Power BI security with **Role-based access**, optimized reports for **scalability** and automated workflows with **Power Automate**, reducing manual efforts by **50%**.

#### Assistant System Engineer

Aug 2021 - July 2022

- Leveraged **Power Query, DAX, and SQL** to analyze **large datasets**, identifying trends and patterns. Provided data-driven recommendations to streamline alert-triggered data for tool Administrators in **SolarWinds and Newrelic**.
- Performed **data validation** and **performance tuning** to enhance **Monthly dashboard** efficiency. Streamlined report automation using Power BI and Excel, reducing manual data analysis time by **60%**.
- Provided user training on created reports enabling users to derive actionable insights.
- Collaborated with **10+ business stake holders** to gather requirements and derive data-driven insights through **ETL processes** across multiple data sources to improve decision-making..

## EDUCATION

### KLE TECHNOLOGICAL UNIVERSITY

B.E. MECHANICAL ENGINEERING

2015 - 2019 | Hubballi

### TUNGAL SCIENCE COMPOSITE PU COLLEGE

SENIOR SECONDARY EDUCATION

2013 - 2015 | Jamkhandi

## SKILLS

### TECHNICAL SKILLS

- **Business Intelligence Tools:** Power BI, Excel.
- **Data Visualization:** Power BI Desktop, Custom Visuals, DAX, Power Query, Data Storytelling.
- **Databases:** SQL Server, MySQL.
- **Languages:** SQL, Python, NumPy, Pandas.
- **Monitoring and Performance Tools:** SolarWinds, NewRelic and Power Automate.
- **Incident Management:** ServiceNow, ITSM tools.
- **Cloud Platform :** Microsoft Azure.

### SOFT SKILLS

Leadership • Resourcefulness • Grit • Public Speaking • Reading

## NOTABLE PROJECTS

Client : Global Retail company based in the Middle East

- Streamlined alert-triggered data by collaborating with **SolarWinds, NewRelic Administrators** to **refine alert logic and thresholds**, reducing instances from **50,000+ to below 20,000**.
- Enhanced alert management by identifying key contributors through **root cause analysis**, improving **alert accuracy by 40%**.
- Enhanced **project performance** by implementing **data modeling, KPI tracking, and predictive analytics** for data-driven insights and strategic decision-making.
- Developed a **Starbucks BI dashboard** for node inventory management, integrating real-time triggered data to dynamically **monitor and analyze** specific host details, ensuring proactive system monitoring.

## CERTIFICATIONS

- PL-300 (Power BI Data Analyst Associate)
- AZ-900 (Azure Fundamentals)
- AZ-104 (Azure Administrator)