

# MUHAMMED DILSHAD

## DATA ANALYST

✉ dilshadkalathil61@gmail.com ☎ 9633920230 📍 Malappuram, Kerala 🌐 LinkedIn

### PROFILE

Data Analyst with a strong background in Python, SQL, and data visualization tools like Power BI, Tableau, and Excel. Demonstrated ability to turn raw data into valuable insights, driving operational improvements and optimizing business performance. Experienced in building interactive dashboards, automating data processes, and implementing predictive models. Skilled at identifying trends, solving complex problems, and collaborating with teams to deliver data-driven solutions that boost efficiency.

### SKILLS

**Programming Languages::** Python, SQL

**Analytics Tools::** MS Excel, Power BI, Tableau

**Data Science Libraries::** Pandas, NumPy, Scikit-Learn, Matplotlib

**Platforms::** Jupyter Notebook, Visual Studio Code, PyCharm, PgAdmin

**Core Competencies::** Data Cleaning, Data Visualization, Predictive Modeling, Power Query, DAX

### PROFESSIONAL EXPERIENCE

#### Data Analyst

Bridgeon Solutions | Malappuram, Kerala

2024 -present

- **Processed** over 100,000 data points using Python, uncovering key trends that improved operational efficiency by 20%.
- **Refined** and validated data sets, enhancing data accuracy by 30% and ensuring dependable insights for decision-making.
- **Developed** and deployed 15+ interactive dashboards in Power BI and Excel, reducing reporting time by 40% and optimizing business intelligence.
- **Automated** data workflows, collaborating with cross-functional teams to reduce manual effort by 25% and enhance productivity

### PROJECTS

#### HR Analytics Dashboard Development

Tools: Excel, Tableau

- **Built** an HR dashboard to analyze attrition and performance, leading to a 20% improvement in employee retention.
- **Provided** insights into department performance and job satisfaction, facilitating strategic HR decisions.
- **Streamlined** the dashboard's usability with dropdown filters and dynamic visualizations, improving efficiency by 15%

#### Music Trends and Streaming Pattern Analysis

Tools: Power BI, DAX, Power Query

- **Investigated** streaming trends across 5+ music platforms, identifying a 20% rise in indie music streams among Gen Z.
- **Delivered** insights that guided targeted marketing campaigns, boosting indie artist engagement by 25%.
- **Created** dynamic visualizations that supported playlist curators in making data-driven decisions, resulting in a 15% increase in user engagement.

#### Hospital Patient Comparison Dashboard

Tools: Power BI, DAX, Power Query

- **Designed** a dashboard analyzing over 100,000 patient records to compare waitlists and identify operational bottlenecks.
- **Identified** three key inefficiencies, leading to a 15% improvement in patient management and a 10% reduction in treatment delays.

- **Optimized** data transformation processes, increasing dashboard update speed by 30%.

### **Employee Data Analysis Dashboard**

*Tools: Excel, Power Query*

- **Developed** an interactive dashboard for analyzing 150,000+ employee records, offering real-time insights into performance and satisfaction.
- **Ensured** 100% data accuracy, resulting in a 10% improvement in employee satisfaction and a 5% decrease in turnover.
- **Automated** key data processes, cutting manual work by 40% and enabling more timely reporting.

## **EDUCATION**

---

### **Bsc Computer Science(with Complementary Statistics and Mathematics)**

*MES Kalladi College ,University Of Calicut*

Graduation Year: 2024

Relevant Coursework: Data Analysis, Programming, Database Management, Statistics

## **CERTIFICATES**

---

### **Python Libraries for Data Science (2024):**

- Proficiency in NumPy, Pandas, Matplotlib, and Scikit-Learn for data manipulation, visualization, and predictive analytics.

### **Introduction to MS Excel(2024):**

- Advanced skills in Excel, including complex formulas, Power Query, and dashboard creation.