

MUHAMMED FAYAZ

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Data Analyst with a strong background in Computer Science and certifications in Google Data Analytics and Microsoft Power BI. Skilled in using SQL, Excel, and Power BI to turn complex data into actionable insights. Focused on delivering impactful data visualizations and solutions that drive business decisions.

EXPERIENCE

BI ANALYST & SOFTWARE SUPPORT JUNE 2024 - PRESENT

- Utilized MySQL for database management, ensuring data integrity and optimal performance.
- Developed and maintained applications using Java, enhancing system functionality and user experience
- Designed Power BI dashboards to analyze financial, insurance, and medical data for business decision-making.
- Developing data models with complex relationships to support interactive reports and decision-making.

DATA SCIENCE INTERN AT CODE LAB SYSTEMS AUG 2022 – SEPT 2022

- Assisting with data collection and data cleaning. Engaged in exploratory data analysis to identify trends, patterns, and outliers for actionable recommendation.
- Created visually appealing and informative charts and graphs using tools like Matplotlib or Power BI.
- Collaborated with cross-functional teams to understand business requirements and align data solutions with organizational goals

EDUCATION

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE ENGINEERING

P.A College of Engineering

JULY 2023

- Collaborated in team-based projects to solve complex problems and deliver innovative solutions.
- Participated in workshops, seminars, and hackathons to stay updated with industry trends.
- CGPA 7.21

EXTRACURRICULAR ACTIVITIES

PWC SWITZERLAND POWER BI JOB SIMULATION ON FORAGE – MAY 2024

- Completed a job simulation where I strengthened my Power BI skills to better understand clients and their data visualisation needs.
- Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
- Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.

ACCENTURE NORTH AMERICA DATA ANALYTICS AND VISUALIZATION JOB SIMULATION ON FORAGE - MAY 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

CERTIFICATIONS

- Google Data Analytics Certifications
- Microsoft Power BI Certifications
- Microsoft excel certifications.

PORTFOLIO

<https://fayzycreax.vercel.app>

SKILLS

- Analytical Mindsets
- Microsoft Excel
- Adaptability
- SQL
- Power BI
- DAX

ACADEMIC PROJECTS AND RESEARCH

➤ Sales Analysis Using Power BI

Developed an insightful Internet Sales Overview for Adventure Motor Bikes, providing a comprehensive analysis of online sales performance. Utilized data-driven visualizations to showcase key metrics, including sales trends, customer demographics, and popular models.

➤ Workforce Analytics

Conducting a comprehensive analysis, I explored the nuanced relationship between employee working preferences and sick leave percentages. Identified factors influencing absenteeism and potential areas for improvement.

➤ Home Automation

Enhanced IoT based Smart Home Automation using the new Blynk & Node MCU Developed a Home Automation Which can control 2 - channel relay modules from the manual switch & smartphone using the Blynk IoT App.

➤ Skin Cancer Detection Using Deep Learning

Assessed model efficacy using key metrics, including accuracy, precision, recall, and F1 - score, consistently exceeding industry standards. Designed and implemented state of the art convolutional neural network (CNN) architecture