**Sumayya Fathima Shaik**

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**Professional Summary**

Detail-oriented Data Analyst with a strong foundation in Power BI, SQL, Excel, and Python. Proven ability to drive business outcomes through data-driven insights and impactful visualizations. Adept at transforming raw data into clear, actionable strategies that improve efficiency, reduce errors, and support leadership decision-making.

**Technical Skills**

Power BI Desktop, Power BI Service, Advanced Excel, Pivot tables, Python, MySQL, SQL Server, Power Query (M-Query), DAX, Data Modeling, Data Visualization, Data Cleaning, Data Storytelling, Communication skills, Analysis skills, Microsoft Power Point , Continuous Integration.

**Work Experience**

**Student Assistant – Food Service Operations Analyst (Part-Time)  
Sodexo, University of Missouri–Kansas City | Aug 2024 – May 2025**

- Optimized shift scheduling and order workflows, boosting service efficiency by 20% for campus operations  
- Identified waste patterns using inventory data analysis, reducing food waste by 15%  
- Audited and corrected POS data, enhancing billing accuracy by 95% and minimizing revenue loss

**Associate Software Engineer  
Accenture, Hyderabad, India | Aug 2023 – Jan 2024**

- Reduced backend load times by 25% by optimizing system processes and collaborating with senior engineers  
- Enhanced internal documentation quality, improving onboarding and code maintenance for cross-functional teams  
- Supported the full SDLC and resolved defects impacting high-priority client applications

**Apprentice  
Accenture, Hyderabad, India | May 2023 – Jul 2023**

- Assisted in client-side bug fixing and testing, contributing to improved software reliability  
- Learned agile methodologies and testing frameworks to support ongoing project delivery

**Projects**

**COVID-19 Global Tracker Dashboard (Power BI + API)** [**Link**](https://github.com/Sumayya17/COVID19-PowerBI-Dashboard)

- Created a real-time dashboard that enabled regional COVID analysis for over 30 countries  
- Visualized dynamic KPIs with DAX to support data storytelling and executive reporting  
- Helped users identify high-risk regions using map-based insights and filtering tools

**Nine Men’s Morris AI Board Game (Python)** [**Link**](https://github.com/Sumayya17/nine-mens-morris-game)

- Engineered AI logic using Minimax with alpha-beta pruning to simulate human-like gameplay  
- Achieved 90%-win rate against rule-based bots, showcasing strategic depth of implementation  
- Improved user interaction through a command-line UI and modular code structure

**Sales Performance Analysis (Excel, SQL, Power BI)**

- Delivered insights that increased quarterly sales by 12% in a simulated business case  
- Automated dashboards reduced manual reporting time by 30%, freeing up analyst hours  
- Identified low-performing regions and product categories using SQL-based segmentation

**Education**

University of Missouri–Kansas City  
master’s in computer science | Jan 2024 – May 2025

Vignan’s Foundation for Science, Technology & Research  
B.Tech in Computer Science | Jun 2019 – Jun 2023

**Certifications**

- Microsoft Certified: Azure Fundamentals  
- Career Essentials in Generative AI (Microsoft + LinkedIn)