

# Sahitha Muthyala

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## SUMMARY

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- An enthusiastic student with a strong understanding of data analytics and a passion for extracting meaningful insights from complex datasets. I've proficiently applied data analysis techniques to tackle real-world issues and improve data-driven decision-making processes.

## EDUCATION

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**The University of Queensland**  
*Master of Business (Information Systems)*

Brisbane , Australia  
*Jul. 2022 – Jun 2024(expected)*

**G. Pulla Reddy Engineering College**  
*Bachelor of Electronics and Communication Engineering*

Kurnool, India  
*Jul. 2016 – Sep 2020*

## SKILLS

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- PowerBI, Microsoft Excel, Tableau, Python, SQL

## PROJECTS

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### Database Design for Strategic Farming | *MYSQL*

- Developed a relational schema based on the logical database design. Produced clear and well- structured schema diagrams using industry-standard notation, highlighting entity relationships and primary keys.
- Played a pivotal role in cleansing and filtering the raw dataset acquired from the Queensland Department of Agriculture.
- Ensured seamless data migration while adhering to project requirements and data quality standards.
- Spearheaded a project to enhance data visualization techniques, resulting in a **20%** increase in the efficiency of conveying complex data insights.

### Healthcare Dashboard | *Power BI*

- Developed an interactive Power BI dashboard and customised it to meet the requirements of clinicians, administrators, and executives.
- Resource allocation strategies identified service gaps, leading to a **15%** reduction in operational costs.
- Employed data-driven methodologies, performance metrics were analyzed, resulting in an operational efficiency improvement of **25%**
- Analyzed of IHPA funding impact informed strategic decisions, resulting in a **18%** increase in funding utilization efficiency.

### Financial Analytics Dashboard | *Power BI*

- Crafted an advanced financial analytics dashboard in Power BI that serves as a comprehensive tool for summarizing aggregated financial data across various companies and industries.
- Used various visual representations, including charts and graphs, to present key financial ratios that evaluate profitability, liquidity, and efficiency.
- Implemented time-series analysis for a deeper understanding of long-term patterns and trends across diverse financial metrics.