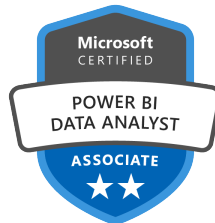


# Kavana Ravishankar

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## EDUCATION

- **University of Illinois at Chicago** Chicago, IL  
*Master of Science in Management Information Systems; GPA: 4.00/4.00* August 2022 – May 2024
- **R V College of Engineering** Bangalore, India  
*Bachelor of Engineering in Electronics and Communication; GPA: 8.18/10.0* August 2017 – July 2021

## SKILLS

- **Programming and Analytics:** Python, SQL, R, Java; Advanced Analytics, Predictive Modeling
- **Data Visualization and Processing:** Tableau, Power BI, Looker, Snowflake, Azure Data Factory, Alteryx
- **Cloud and Tools:** AWS (EC2, S3, Redshift, DynamoDB), Azure Data Factory, Apache Spark, Databricks

## PROFESSIONAL EXPERIENCE

- **Excellerate Education Solutions** Chicago, IL  
*Business Intelligence Analyst* October 2024 - Present
  - Spearheaded the development of scalable dashboards and automated reporting mechanisms using **Tableau** and **AWS QuickSight**, resulting in a **30%** increase in data-driven decision-making efficiency.
  - Collaborated with technical teams to **design, develop, and deploy analytics solutions**, optimizing end-to-end data workflows and reducing process delays by **20%** to enhance operational efficiency.
  - Developed key performance metrics and analyzed data using **Python** and **Power BI**, driving strategic **enhancements** and improving project outcomes by **20%**, resulting in **\$50,000** revenue growth.
- **CAQH** Chicago, IL  
*Data Scientist* August 2023 - September 2024
  - Developed advanced **machine learning** models (**Random Forest, XGBoost**) to analyze customer behavior and optimize data workflows, improving **segmentation accuracy** and **business insights**.
  - Built **Power BI** dashboards for tracking KPIs and performance metrics, improving decision-making.
  - Automated **data ingestion** and **integration pipelines** using **Azure Data Factory** and **Snowflake**, reducing overall **ETL** processing time by **30%** and enhancing data accessibility for faster insights.
- **UI College of Medicine** Chicago, IL  
*Data Operations Analyst* February 2023 - June 2023
  - Conducted **data cleaning, preprocessing**, and **analysis** of large clinical datasets to improve quality and identify **trends**. Implemented enhancements that boosted **workflow efficiency by 20%**.
  - Collaborated with cross-functional teams to optimize **data pipelines**, achieving a **15%** boost in accuracy.
- **Cisco Systems India** Bangalore, India  
*Software Engineer* February 2021 - July 2022
  - Developed a user-centric GUI for SAN Simulator using **React JS** and **Python**, facilitating advanced **analytics** and reducing operational errors by **20%**.
  - Enhanced **system testing efficiency** by **25%** through automated testing and GUI optimization, leading to a **15% increase** in productivity and improved data accuracy.
  - Monitored system performance and quality control, identifying improvement areas and implementing solutions to **optimize data flows** and accuracy within operational workflows.

## PROJECTS

- **Performance Tracking Dashboard:** Created an interactive **PowerBI** dashboard to monitor key performance indicators (KPIs) and financial metrics, improving data-driven decision-making and enhancing visibility.
- **Risk Analysis Tool:** Designed a **Python-based tool** to analyze fraud risk in financial transactions, enhancing fraud detection accuracy by **25%**. Implemented **A/B testing** to validate model performance and refine strategies.