

# Ahmed Monjurul Hasan

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## PROFILE

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Entry-level data analyst with a strong background in statistical analysis, data visualization, and SQL. Passionate about uncovering insights from complex datasets to drive informed business decisions.

## TECHNICAL SKILLS

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- Python (Pandas, NumPy, Matplotlib)
- SQL (SQL Server, MySQL, PostgreSQL)
- Excel (VLookup, Pivot Tables)
- Tableau (Certification In Progress)
- Power BI (Certification PL-300 In Progress)
- R programming and RStudio

## SOFT SKILLS

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- Communication and collaboration
- Critical thinking and problem solving
- Adaptable and curious
- Self-motivated fast learner

## PROJECTS

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- Labour Market Analysis Dashboard** June 2024
- Created two Power BI dashboards to visualize market trends using data from labour force surveys.
  - Employed Power Query and DAX to generate new columns and measures for dashboard visuals.
  - Identified key factors contributing to unemployment and integrated R scripts within Power BI.
- Exploring Data Analyst Opportunities: A Job Market Analysis** June 2024
- Utilized Rstudio IDE to transform and visualize Stack Overflow 2023 Annual Survey Data.
  - Performed a statistical analysis using t-test to compare the mean salaries between two regions.
  - Published results using R markdown to create a fully reproducible and readable workflow.
- Supply Chain Performance Metrics Dashboard** May 2024
- Transformed and filtered company sales data by using vlookup and filtering functions in Excel.
  - Created two dashboards with Tableau to provide summary-orientated and detailed visualization.
  - Published the results in a blog and presented in Google slides.

## WORK EXPERIENCE

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- Research Assistant** Sep 2016 - July 2022  
*University of Saskatchewan, Saskatoon, Canada*
- Performed research in the field of health informatics, medical imaging, and internet-of-things (IoT).
  - Conducted experiments and disseminated the findings through publications and presentations.
- Business Analyst** May 2018 - Jul 2020  
*Innovation Enterprise, Saskatoon, Canada*
- Conducted market assessments for intellectual property (IP) ideas created by researchers.
  - Created custom reports and dashboards covering various technical, legal, and financial KPIs.

## EDUCATION

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- M.Sc.(Biomedical Engineering)** *University of Saskatchewan, Saskatoon, Canada* 2022
- M.Sc.(Computing & IT)** *University of New South Wales, Sydney, Australia* 2006

## REFERENCE

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**Dr. Khan Wahid** *Professor, University of Saskatchewan, Saskatoon, Canada* 📞 +1 (306)-966-5474