Thilini Livera

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EDUCATION

Bachelor of Science in Statistics and Mathematics　　　　　　　　　　Sept. 2019 – June 2026
University of Manitoba　　　　　　　　　　　　　　　　　　　　　　　　*Winnipeg, MB*

CERTIFICATIONS

- AWS Data Analytics - Specialization
- Google Business Intelligence - Professional
- Google Data Analytics - Advanced and Professional

WORK EXPERIENCE

Data Analyst　　　　　　　　　　　　　　　　　　　　　　　　　Apr. 2024 – Sept. 2024
StandardAero　　　　　　　　　　　　　　　　　　　　　　　　　　　*Winnipeg, MB*

- Maintained and analyzed cost data to support decision-making, conducted cost analyses to optimize financial management, and created visualizations to track trends
- Developed and implemented new templates for PT-6A and PW100 airplane engines, redesigned about 20 templates for various engine types, and replaced outdated formulas to improve accuracy and efficiency
- Enhanced reporting processes, reducing manual input time and increasing data reliability while collaborating with cross-functional teams to align insights with business objectives

LEADERSHIP EXPERIENCE

Treasurer and Financial Analyst　　　　　　　　　　　　　　　　　Apr. 2024 – Present
University of Manitoba Association of Tiny Tractors　　　　　　　　　　　*Winnipeg, MB*

- Manage financial accounts, ensure proper fund distribution, maintain cost records, hold signing authority for transactions, approve expenditures, secure sponsorship funding, process reimbursements, and conduct financial analysis to ensure accurate reporting and budget alignment with the team's objectives

PROJECTS

Data Professionals' Dashboard | *Microsoft Power BI*

- Designed a dashboard to analyze satisfaction levels among data professionals across key metrics, using tables and graphs to provide actionable insights for the management team

Airbnb Showcase | *Tableau*

- Created an interactive dashboard to analyze Airbnb prices based on multiple factors, enhancing user experience with diverse graphs to improve data interpretation clarity

HR Predictive Modeling | *Python*

- Utilized Python, along with pandas, matplotlib, NumPy, and seaborn, to analyze HR data from a leading consulting firm, developing a predictive employee retention model and producing a detailed report with data-driven insights and visualizations

Bike Sales Visualization | *Microsoft Excel*

- Built a dynamic dashboard to visualize bike sales performance across continents, utilizing data cleaning, pivot tables, VLookup, HLookup, conditional formatting, and VBA for comprehensive analysis

Game Sales Prediction | *Language R*

- Developed an R-based predictive model to analyze game sales across various regions, focusing on North American trends, and created visualizations predicting 2025 sales trends to provide valuable insights for future analysis

TECHNICAL SKILLS

Languages: R, Java, Python, SQL, HTML/CSS, VBA, MATLAB
Libraries: Pandas, NumPy, SciPy, matplotlib, ggplot2
Tools: Microsoft Power BI, Microsoft Excel, Tableau, Jupitor Notebook, Visual Studio, RStudio