

# THILINI LIVERA

## Data Analyst/ Science Student



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thilinilivera



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### Education

- [SEP 2019- Currently]: Bachelor of Science in Statistics and Mathematics, University of Manitoba, Winnipeg, MB.

### Certifications

- [AUG-OCT 2023]: Google Data Analytics Professional Certification, Google;
- [NOV-DEC 2023]: Google Data Analytics Advanced Certification, Google;
- [APR-AUG 2024]: Google Business Analytics Certification, Google.

### Technical Skills

- **Programming Languages:** Python (Pandas, NumPy, SciPy, matplotlib, ggplot2), R (dplyr, shiny, ggplot, tidyr), SQL (SQL Server, MySQL, SQLite), Java, HTML;
- **Data Visualization & Dashboarding:** Tableau, Microsoft Power BI (Power Query), Excel (Pivot Tables, VLookup, HLookup, Conditional Formatting);
- **Statistical & Mathematical Tools:** MATLAB, R, Python (predictive modeling, statistical analysis)
- **Data Processing & Automation:** VBA, Web Scraping, Data Cleaning and Preprocessing;
- **Software & Tools:** Excel, Microsoft Power BI, SQL platforms, Tableau.

### Core Skills

- **Data Analysis:** Data Cleaning, Preprocessing, Analysis, and Predictive Modeling;
- **Data Visualization:** Designing interactive dashboards and visualizations (Tableau, Power BI, matplotlib, ggplot);
- **Statistical Analysis:** Applying statistical methods and predictive modeling techniques.

## Profile

Dynamic Data Analyst proficient in Excel, VBA, Python, R, SQL, Tableau, and Microsoft Power BI. Skilled in data cleaning, analysis, visualization, web scraping, and building interactive dashboards to support decision-making. Pursuing a BSc in Statistics and Mathematics (expected 2025), with certifications in Google Business Analytics, Data Analytics Professional, and Advanced Data Analytics. Passionate about continuous learning and using data to drive ethical, innovative solutions to real-world challenges.

## Work Experience

### Data Analyst

StandardAero – Winnipeg, MB

APR 2024 - AUG 2024

#### Responsibilities:

- Maintained and analyzed cost data to support decision-making processes;
- Conducted cost analyses and generated insights to optimize financial management;
- Created visualizations of historical costs to track trends and identify areas for improvement;
- Replaced outdated formulas with updated calculations for enhanced accuracy and efficiency;
- Developed and implemented new templates for PT-6A and PW100 engines, improving data consistency and usability;
- Designed and customized 20-30 templates for various engine types to streamline cost analysis processes;
- Collaborated with cross-functional teams to align data insights with business goals and provide actionable recommendations;
- Enhanced reporting processes, reducing manual input time and increasing overall data reliability.

## Leadership Experience

### Treasurer

University of Manitoba Association of Tiny Tractors – Winnipeg, MB

SEP 2024 - CURRENTLY

#### Responsibilities:

- Manage all financial operations, ensuring efficient fund allocation and team performance;
- Prepare and process reimbursement applications, coordinating with relevant parties;
- Conduct cost analysis and manage sponsorship applications to secure team funding;
- Oversee bank accounts, hold signing authority for cheques, and control cash flow;
- Handle funds during competitions, arranging accommodation and covering essential needs;
- Develop and maintain accurate financial records to support audits and enhance budget transparency;
- Collaborate with team leaders to forecast expenses and align budgeting with project goals.

## Soft Skills

- Analytical Thinking, Problem-Solving, Attention to Detail, Critical Thinking;
- Effective Communication, Team Collaboration, Adaptability, Time Management;
- Presentation Skills and Commitment to Continuous Learning.

## Languages

- English;
- Sinhala.

## Community Involvement

- **Folklorama, Indian Pavilion** (2019, 2022, 2023): Promoted cultural dance heritage and engaged with visitors at the Bharatanatyam Dance table.
- **Gonzaga Middle School** (2018-2019): Supported students with extracurricular activities and after-school homework assistance.
- **Welcome Home** (2018-2019): Served meals and facilitated engaging activities for community members.
- **Ronald McDonald House** (2019): Contributed to holiday events and activities.
- **Villa Rosa**: Assisted new mothers with holiday-themed events and activities.
- **Fundraising Events** (2019): Participated in Christmas fundraising for the Children's Hospital by dressing as angels to raise awareness and support.

## Hobbies and Interests

- **Professional Dancer/Performer**: Specializes in Sri Lankan and Indian traditional dance styles;
- **Dance Enthusiast**: Experienced in Standard Ballroom, Latin Ballroom, and Swing dance;
- **Artist & Musician**: Skilled in sketching, painting, and creative writing; plays piano and guitar during leisure time;
- **Sports Enthusiast**: Enjoys tennis, badminton, and skating;
- **Traveler**: Passionate about exploring diverse cultures and learning languages through travel;
- **Avid Reader**: Lifelong learner with a focus on non-fiction, self-growth, and human psychology literature.

## Personal Project Experience

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### Future Insights - HR Predictive Modelling (Python)

Google Advanced Data Analytics Capstone – Winnipeg, MB

December 2023, Online

#### Key Achievements:

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

### Amazon Web Scraping (Python)

Data Analytics Bootcamp Project – Winnipeg, MB

August 2023, Online

#### Key Achievements:

- Applied Python with BeautifulSoup and requests to web scrape Amazon for shirt data, ensuring data integrity through meticulous cleaning;
- Generated a structured CSV file with regularly updated information, enabling ongoing data analysis.

### Game Sales Prediction (R Programming)

Personal Project – Winnipeg, MB

January 2024, Online

#### Key Achievements:

- Developed an R-based predictive model to analyze game sales across various regions, with a focus on North American trends;
- Created visualizations predicting sales trends for 2025, providing valuable insights for future analysis.

### Airbnb Tableau Showcase (Tableau)

Data Analytics Bootcamp Project – Winnipeg, MB

August 2023, Online

#### Key Achievements:

- Created an interactive Tableau dashboard to analyze Airbnb prices based on multiple factors;
- Enhanced user experience with diverse graphs, improving the clarity of data interpretation.

### Data Professionals' Dashboard (Microsoft Power BI)

Personal Project – Winnipeg, MB

August 2023, Online

#### Key Achievements:

- Designed a Microsoft Power BI dashboard to analyze satisfaction levels among data professionals across key metrics;
- Used tables and graphs to provide actionable insights for the management team.

### Bike Sales Visualization (Excel)

Data Analytics Bootcamp Project – Winnipeg, MB

August 2023, Online

#### Key Achievements:

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