THILINI LIVERA

📞 +1 (431) 278-1822

✉️ thililivera@gmail.com

in thilinilivera

💻 www.thilinilivera.ca

Education

BSc in Statistics & Mathematics [2022-2026]
University of Manitoba

Certifications

- Google Data Analytics - Professional
- Google Data Analytics - Advanced
- Google Business Intelligence - Professional
- AWS Data Analytics - Specialization
- Microsoft Azure PowerBI Associate (PL-300)

Technical Skills

- **Programming Languages**:
  Python, R, SQL (MySQL, SQLite, SQL Server), Java, HTML/CSS, VBA, MATLAB
- **Libraries & Frameworks**:
  Pandas, NumPy, SciPy, matplotlib, seaborn, ggplot2, dplyr, tidyr, shiny
- **Data Visualization**:
  Tableau, Microsoft Power BI (Power Query), Excel (Pivot Tables, VLOOKUP/HLOOKUP, Conditional Formatting)
- **Tools & Platforms**:
  Jupyter Notebook, RStudio, Visual Studio, Excel
- **Data Handling & Automation**:
  Data Cleaning, Preprocessing, Web Scraping, VBA

Soft Skills

- Analytical Thinking
- Problem Solving
- Attention to Detail
- Effective Communication
- Team Collaboration
- Stakeholder Engagement
- Time Management
- Adaptability
- Continuous Learning

Profile

Curious and driven aspiring Analyst with a strong foundation in statistics, data visualization, and machine learning. Experienced in using Python, R, Tableau, and Power BI to deliver actionable insights. Adept at predictive modeling and trend analysis. Eager to contribute to AI projects that transform healthcare and life sciences.

Work Experience

Data Analyst
StandardAero – Winnipeg, MB
APR 2024 - AUG 2024

Responsibilities:
- Maintained and analysed 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new templates for PT-6A and PW100 engines, redesigned 20-30 templates for various engine types, and replaced outdated formulas to improve accuracy and efficiency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 / Financial Analyst
University of Manitoba Association of Tiny Tractors – Winnipeg, MB
SEP 2024 - CURRENTLY

Responsibilities:
- Manage all financial operations, ensuring efficient fund allocation and team performance
- Oversee bank accounts, hold signing authority for cheques, and handle funds during competitions, covering essential expenses
- Conduct cost analysis, secure sponsorship funding, process reimbursements, and maintain accurate financial records to support audits and budget transparency, while collaborating with team leaders to align budgeting with project goals

Personal Project Experience (Portfolio)

1. **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

Community Involvement

- **Folklorama, Indian Pavilion** [2019, 2022, 2023]: Promoted cultural dance heritage and engaged with visitors at the Bharatanatyam table booth
- **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, golf 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

Other Work Experience

1. **Daycare Teacher [2021 - present]**
   Fort Garry Child Care Co-Operation, Winnipeg
2. **Front Desk Assistant/Screener [2021 - 2023]**
   Victoria Hospital (WRHA), Winnipeg, MB
3. **Youth Camp Coordinator [2019 - 2021]**
   St. Ignatius Parish, Winnipeg, MB
4. **Cashier [2019 - 2020]**
   Landmark Cinemas, Winnipeg, MB

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2. **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

3. **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

4. **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

5. **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

6. **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

7. **COVID-19 Data Exploring (SQL)**
   Data Analytics Project – Winnipeg, MB
   August 2023, Online

   Key Achievements:
   - Analyzed global COVID-19 datasets using advanced SQL queries to segment data, identify trends, and uncover key insights about the pandemic's progression
   - Demonstrated strong SQL skills and the ability to extract meaningful patterns to support data-driven public health understanding