

# SURYA MANIAN

[Portfolio](#) | [LinkedIn](#) | [Github](#)

(514)-619-9199

[maniansurya99@gmail.com](mailto:maniansurya99@gmail.com)

## WORK EXPERIENCE

---

**Data Analyst** Newrest, Montreal, Canada

August 2023 - Present

- Automated weekly operational & financial reports across 4 Canadian units (Client Executive Summaries, Productivity Tracking, Fuel Efficiency, Food cost and waste Reports), reducing manual reporting time by 40%.
- Pinpointed operational bottlenecks by scrutinizing KPIs, including 6000+ flights serviced monthly, fuel efficiency, and labor costs; this directly informed key decisions for continuous improvements and efficiency gains.
- Designed **SQL**-powered **Power BI** dashboards that integrate 3+ databases for accurate, real-time reporting.
- Conducted **PowerPoint** monthly business reviews, including carbon footprint and utility analysis, supporting sustainability and cost optimization initiatives.
- Developed a predictive model using historical attendance and flight data; optimized staff allocation, leading to 5% less idle time per shift, and increased operational efficiency.
- Enhanced workforce forecasting accuracy by tracking performance against flight schedules; personally reviewed and corrected 20+ erroneous data points weekly to improve forecast reliability and actionable insights.
- Implemented SQL-driven Excel reports, visualized key performance indicators, and improved budget tracking accuracy by 95% resulting in better executive strategic decision making.
- Collaborated with operations, procurement, and finance teams to ensure accurate reporting, compliance, and actionable insights.
- Implemented automated email distribution of dashboards, and streamlined data pipelines, improving timeliness and accuracy by 90%.

**Data Analyst Intern** Ambertag Analytics, Milpitas, CA, USA

May 2023 - August 2023

- Programmed 3D movements of a DOBOT robotic arm using Blockly and analyzed electrode/catheter voltage datasets with **Python** (Pandas, NumPy) to enhance automation workflows and improve medical mapping accuracy.
- Uncovered previously unknown operational features of the equipment across articles, which empowered stakeholders to boost client engagement by 15% and strengthen strategic decision-making.
- Created and presented visualizations in **Tableau** to communicate results clearly to both technical and nontechnical stakeholders.

**Reporting-Analyst Intern** Spade Labs, Chennai, India

December 2018 - July 2019

- Created Power BI dashboards to track state-wise robotics sales, identifying trends that helped increase sales by 25%.
- Implemented **Jira** dashboards to monitor project progress, facilitating data-driven decision-making and leading to on-time project delivery for 95% of projects managed.
- Applied Excel analysis on customer feedback and sales trends to guide the development of high-demand product features.

## TECHNICAL SKILLS

---

**Visualization & Reporting:** Power BI, Tableau, Microsoft Excel

**Programming Languages:** SQL, DAX, Python, R, Java

**Project & Workflow Tools:** Jira, Teams, Github, Canva, Figma, StarUML

**Frameworks:** Scikit Learn, Matplotlib, Seaborn, ggplot

**Languages:** English (Fluent), French (Beginner), Tamil (Fluent), Hindi (Intermediate)

## PROJECTS

---

**Database Analysis and Automation for a Global Hardware Sales Company** SQL

[GitHub](#)

- Crunched 2M+ sales records to uncover trends in customers, products, and markets using MySQL Workbench.

**Cricket Data Analytics for the Best 11 Players** Power BI

[Power BI Report](#)

- Web-scraped ICC data, cleaned with Pandas, modeled in DAX, and visualized in dashboards ranking the top 11 players.

**Netflix Data Analysis** Tableau

[Tableau Public](#)

- Developed an interactive dashboard on 8,000+ titles to visualize genres, ratings, yearly trends, and country-wise distribution.

**Chocolate Sales Analysis** Excel

[GitHub](#)

- Constructed a comprehensive Excel-based dashboard incorporating pivot tables and slicers to track KPIs, leading to enhanced sales insight generation.

**Likelihood of E-Signing a Loan** Python

[GitHub](#)

- Conducted EDA on 10K+ financial records and built classification models (Logistic Regression, Decision Tree, SVM) with K-Fold Cross-Validation, Grid Search, and feature selection, achieving 64% accuracy.

## ACCOMPLISHMENTS AND CERTIFICATIONS

---

**Microsoft Certified: Power BI Data Analyst Associate**

October 2022

**Tableau Desktop Specialist**

September 2022

**Volunteer Staff - Startupfest Montreal**

July 2022

**Data Analytics Virtual Experience Program** Quantum

August 2020

**Data Analytics Consulting Virtual Intern** KPMG

July 2020

## EDUCATION

---

**Master of Engineering, Software Engineering**

January 2021 - December 2022

Concordia University, Montreal

**Bachelor of Technology, Computer Science**

July 2016 - April 2020

SRM University, Chennai, India