

# Brian Xavier Matvey

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## PROFESSIONAL SUMMARY

Accomplished analytics professional with over 14 years of experience translating data into actionable insights that drive confident decisions. Led analytics teams at two self-driving autonomous vehicle startups. Proven expertise creating metrics, visualizations, data models, dashboards, and building business intelligence frameworks from scratch for multiple companies. Passionate about leveraging technology and data to drive growth and improve efficiency.

## SKILLS

Looker & Tableau	SQL	Python & R	dbt data modeling
Git & Github	Google Apps Script	BigQuery	Google Analytics
Jira & Confluence	RegEx	Alteryx	Statistical Analysis
Data Strategy	A/B Testing	Technical Leadership	AWS & GCP

## WORK EXPERIENCE

### Supply Chain Analytics Lead

03/2023 – Present

#### Cruise

- Wrote thousands of lines of SQL and LookML in production repositories via a modern data stack including Looker, dbt, BigQuery, Apps Script, Git, Github, APIs, CI/CD, CLI and Jira.
- Develop KPIs, reports, data models and dashboards to maximize autonomous vehicle uptime, optimize revenue generation and measure overall supply chain performance.
- Responsible for Supply Chain Analytics for the entire company to optimize part availability at the right place, right time and at the right cost.
- Transformed the “blocked for parts” workflow by creating automated jobs that move BigQuery data to Slack. Achieved 40% reduction in vehicles blocked and 65% improvement in time to unblock, effectively redefining a core department objective.
- Managed the Supply Chain Analytics team while collaborating with the wider data science community on designing and developing data infrastructure to support analysis of autonomous driving systems.
- Created analytics framework by developing foundational tables for forecasting, inventory, orders, maintenance planning, and AV utilization. Resulting in a 30% enhancement in operational efficiency and fostered a culture of continuous improvement.
- Automated predictive forecasting of vehicle part supply and demand which improved accuracy by 15%, saved hundreds of hours of manual work, optimized part availability/vehicle downtime, and resulted in new forecast accuracy metrics.

### Data Analytics Manager

01/2022 – 11/2022

#### Argo AI

- Invented three patent pending analytical frameworks for measuring safety, performance, and efficiency. These analytical frameworks drove increased performance throughout the entire company.
- Company wide expert in operational analytics. Provided cross functional support to Product, Finance, Legal, Data Engineering, Reporting Analytics, and Executive teams.
- Developed 80% of the top dashboards in the entire company that were utilized by the C-Suite down. These dashboards had over 15,000 views and were utilized on a daily basis to make business decisions.
- Led data governance initiatives that increased data-driven decision making. Wrote SQL coding standards, data dictionaries, data FAQs, dashboard discovery pages and offered training that resulted in increased usage of analytics.
- Hired, trained, and managed the Operational Analytics team that created hundreds of data solutions.

### Senior Data Analyst

04/2021 – 01/2022

#### Argo AI

- Created key performance indicators and dashboards to measure the operation of self driving vehicles. These tools drove optimization initiatives and data literacy for over 600 employees.

- Built the business intelligence portfolio of the operations team including over 70 dashboards, nearly every critical metric, and provided analytics consulting services to the entire company.
- Developed “disengagement accuracy” metric which measured disengagements from self-driving. This metric led to a 20% increase in time in autonomy, improved safety, and increased operational efficiency.
- Created regulatory reporting for the EPA, mission cost per hour business metrics, vehicle uptime monetization, Lyft pilot dashboards, and OEM reporting to Ford and Volkswagen.

**Associate Director of Data Analytics**

11/2018 – 04/2021

University of Pittsburgh Katz Graduate School of Business

- Collaborated with stakeholders to define and satisfy their data analysis needs from metrics to models.
- Executed projects to completion using business intelligence tools like Qualtrics, IBM Cognos, Tableau, Alteryx and data analysis tools like SPSS, R, and Python.
- Developed and deployed interactive Tableau dashboards to empower data-driven decision making across departments.
- Hired and managed the data analytics team and supported all colleagues in best practices.
- Developed the overall data strategy and reporting standards of the graduate school.

**Business Analyst**

04/2015 – 11/2018

University of Pittsburgh Katz Graduate School of Business

- Conducted data analysis on various topics for the Dean’s of the Graduate School of Business.
- Compiled, analyzed and reported on critical data used in measuring the strength of the school’s graduate and undergraduate programs, including faculty research productivity, teaching effectiveness, student satisfaction and comparison to peer schools.
- Managed and analyzed the school’s data pipelines including ranking data, research output, enrollment and application data.

**Data Support Rep II**

09/2011 – 04/2015

Management Science Associates

- Provided technical and account management support for many of the largest retail companies in North America including Krogers, Giant Eagle, Loblaws, CVS, and Rite Aid.
- Queried, analyzed, and validated data in order to fulfill client requests. Provide technical support and recommend improvements to clients in order to solve issues, maximize efficiency and measure performance.
- Create reports focused on consumer brands, sales and data integrity. Analyze data and recommend process improvements.

**Esports Tournament Administrator**

02/2009 – Present

Major League Gaming, Activision Blizzard and Esports Engine

- Veteran esports admin with over 12 years of experience operating professional gaming tournaments for games like Halo, Call of Duty, League of Legends, Dota2, Starcraft, Overwatch, Fortnite and Super Smash.
- Operated over 60 major esports events across the world for startups, like Major League Gaming and Esports Engine, and for Fortune 500 companies like Activision Blizzard.
- Train, manage and lead a team that runs video game tournaments at live events that have over 10,000 people in attendance. These events have been broadcasted on Twitch, YouTube, ESPN, TBS, and USA.
- Responsible for keeping broadcast on schedule in order to maximize advertising revenue. Troubleshoot technical issues during live shows viewed by millions of viewers.

**EDUCATION & PROFESSIONAL DEVELOPMENT**

University of Pittsburgh   Master of Business Administration with focus on Data Science	04/2019
Duquesne University   Bachelor of Science in Business Administration (Information Systems)	05/2011
University of Pittsburgh   Six Sigma Green Belt Certification	04/2018
Google   Google Analytics Certification	11/2017

**PATENTS & ACHIEVEMENTS**

“Autonomous Vehicle Fleet Accountability Issue Tracking” - pending US Patent Application	09/2022
“Autonomous Vehicle Operator Performance Framework” - pending US Patent Application	10/2022
Argo “High Five” Award - recognition for outstanding teamwork and collaboration	08/2022
25x Pittsburgh Sports League Champion - in co-ed basketball, kickball and flag football	2011- Present