MARK JOSLIN

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SUMMARY

Curious data enthusiast with a strong passion for analytics, problem solving, and transforming complex data into actionable insights. Proven expertise in Python, SQL, data modeling, and visualization tools like PowerBI, demonstrated through previous work experience and personal projects. Eager to leverage my data specialist background to innovate, learn, and make a meaningful impact in a dynamic and growth-oriented environment.

SKILLS

Tools	**Python, R, SQL, DAX, Excel**
Visualization	**PowerBI, Matplotlib, ggplot2**
Version control	**GitHub, Azure DevOps**

EDUCATION

2/2026	**Advanced Data Analytics Certificate**	**Google	Online Course**
12/2020	**Bachelor of Science in Data Science**	**Western Michigan University	Kalamazoo, MI**
5/2016	**Associate of Science in Engineering**	**Schoolcraft College	Livonia, MI**

RELEVANT EXPERIENCE

4/2021 – 5/2024 **Data Specialist (Remote)** **GCAPS | Alton, VA**

- Performed literature reviews for NHTSA in areas such as AI in ADAS/ADS and traffic simulation tools to help them better understand perception stack models and other technologies.
- Maintained an internal website and SQL database hosted on Azure to track driving simulation construction used across a diverse team to enhance workflow and quantify completion rate.
- Created digital reconstructions of crash and near crash scenarios with the use of RoadRunner and Excel using VTTI's database to allow subscribers means to study these scenarios under different factors such as sensor degradation and misinformation.
- Developed a Python script for dimensionality reduction and clustering of highway cut-in and lane change maneuvers using VTTI's naturalistic driving database, visualizing and analyzing factors' central tendencies to enhance the Division of Data and Analytics' understanding of these maneuvers compared to domain knowledge.

5/2019 – 8/2019 **Cataloging Intern** **American Mathematical Society | Ann Arbor, MI**

- Queried a large database for institution codes for authors in submitted journals.
- Prepared journals for storage in a separate database to allow subscribers access to the latest publications.
- Assisted in author notifications regarding missing journal information such as lacking institution(s).

5/2016 – 6/2017 **Durability Driver** **Stellantis | Chelsea, MI**

- Conducted rigorous endurance tests, identifying critical safety and performance issues pre- and post-launch.
- Ensured precise diagnostics and issue documentation, streamlining engineering fixes.
- Maintained strict testing protocols, enhancing vehicle reliability.

PERSONAL PROJECTS

8/2025 **Coffee Sales Dashboard** **GitHub**

- Built an Excel dashboard to analyze coffee sales (2019–2022), tracking trends by coffee type, roast, country, and loyalty program using XLOOKUP, INDEX MATCH, pivot tables, charts, and slicers.
- Provided insights into sales trends, seasonal patterns, and top customers/regions to support inventory and marketing strategies.

10/2024 **HR Analytics Dashboard** **GitHub**

- Developed a PowerBI dashboard to analyze working preference of employees between work from home and work from office along with sick leave percentage on a daily and monthly basis.
- The report will help an employer when scheduling in-person meetings, product rollouts, and employee wellness.