Odin Lee

DATA SCIENTIST

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Summary

Graduate student in Data Science with a B.S. in Data Science and a minor in Computer Science. Skilled in Python, R, SQL, and Java, with hands-on experience in statistical modeling, data wrangling, exploratory analysis, and database design. Applied advanced analytics to real-world datasets, optimizing queries and automating workflows. Proficient with Oracle SQL Developer, Jupyter Notebooks, RStudio, AWS, and GitHub. Recognized with seven Dean's List honors for academic excellence. Bringing strong technical and analytical skills to solve complex problems in data-driven environments.

Education

University of St. Thomas, MS Data Science   St. Paul, MN | Sep 2024 – Aug 2026
- **GPA:** 4.0
- **Relevant Coursework:** Data Management and Design, Data Warehousing and Business Intelligence, Data Analytics and Visualization, Cloud Computing

Augsburg University, BS Data Science   Minneapolis, MN | Jan 2020 – May 2024
- **Minor:** Computer Science | **Dean's List:** 7 Semesters
- **Relevant Coursework:** Data Science Foundations, Statistical Modeling, Algorithms, Data Structures

Skills

Programming Languages: Python | SQL | R | Java
Tools and Technologies: Tableau | Oracle SQL Developer | Jupyter Notebooks | RStudio | GitHub | AWS
Frameworks and Libraries: pandas | NumPy | Matplotlib | Seaborn | Plotly | dplyr | ggplot2 | shiny | Quarto
Data Science Skills: Data Wrangling | EDA | Statistical Modeling | Data Visualization | Cloud-Based Solutions

Projects

Fantasy Football Analysis Database   Sep 2024 – Jan 2025
Technologies Used: SQL | R | Docker | tidyr | dplyr | stringr
- Designed and implemented a relational database with **8 tables** using **Oracle SQL Developer** and **Oracle Data Modeler**, cleaning and integrating **85K+ rows** of NFL data from R packages (**nflverse** and **nflfastR**).
- Developed and optimized **20+ SQL queries** to extract key insights and support advanced statistical analysis.
- Implemented **7 database triggers**, automating calculations and improving data integrity by reducing manual data processing efforts.

Medicaid Churn Analysis – Hennepin County   Jan 2024 – Apr 2024
Technologies Used: R | ggplot2 | plotly | dplyr
- Collaborated in a team of three to clean and wrangle a dataset of **350K+ records across 25 variables**, addressing missing values and inconsistencies to enable reliable analysis.
- Designed and presented visualizations using **ggplot2** and **plotly** to county officials, providing data-driven insights to help identify trends and patterns for better resource allocation.