

Hyungwoo Kim

Madison, Wisconsin

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EDUCATION

UNIVERSITY OF WISCONSIN – MADISON, Letter and Science

Graduating in December 2025

Bachelor of Science, Data Science

Technical Skills

Programming Languages: Python, R, SQL

Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Plotly, TensorFlow, PyTorch, Keras

Visualization and Database Tools: Tableau, Power BI, MySQL, PostgreSQL, GCP (BigQuery), MongoDB

EXPERIENCE

Mothering Care Nursing Home

Mar 2022 – Dec 2023

Social Service Agent

Yongin-si, South Korea

- Provided compassionate care to elderly residents, assisting with daily health monitoring and meal support to ensure comfort and well-being.
- Developed and led dementia prevention programs, including customized exercise routines and therapeutic art sessions.
- Communicated effectively with residents, families, and healthcare staff to ensure coordinated care and build trusting relationships.
- Responded promptly to emergency situations, ensuring residents received immediate, appropriate, and well-coordinated medical attention to maintain safety.

Like Lion

Sep 2024 – Present

Coding Boot Camp

Madison, Wisconsin

- Designed promotional content and managed digital outreach via social media and school platforms, increasing awareness and participation across campus
- Applied marketing strategy frameworks (target audience analysis, messaging, digital channels) to plan and execute outreach tailored to student interests
- Launched semester-based recruitment campaigns, including poster design, social media content, and orientation presentations to attract new members

Technical Projects

Online Shopping Analysis | *Python, SQL, Tableau*

- Conducted exploratory data analysis on customer behavior using Kaggle's online shopping dataset
- Queried and aggregated purchase patterns by demographics and session type using MySQL
- Visualized key trends using Tableau dashboards to provide marketing insights

Salary Classification using Decision Tree | *Python, Pandas, Scikit-Learn, Matplotlib*

- Built a decision tree classifier using the Salary dataset to predict whether an individual earns a high salary based
- Preprocessed categorical variables, split data into training/testing sets, and visualized the tree structure
- Evaluated model accuracy and interpreted decision paths to understand key salary-influencing features

HR Analytics: Employee Attrition & Performance | *Python, Pandas, Scikit-Learn, Seaborn*

- Analyzed employee attrition patterns using Kaggle's HR dataset to identify key factors influencing turnover
- Explored relationships among variables such as salary, tenure, job satisfaction, and departmental factors through correlation
- Developed predictive models to classify attrition risk, enabling proactive retention strategies
- Generated visualizations to present insights clearly, aiding HR policy enhancements for improved employee retention