

MINJU (Kimmy) KIM

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Analytical problem-solver transforming complex data into actionable insights through data modeling, visualization, and cloud-based ML systems.

Experienced in designing interpretable, human-centered AI pipelines for prediction, personalization, and learning analytics.

SKILLS

- **Programming & Analysis:** Python, R, SQL, ETL, A/B Testing, Statistical Modeling
- **Visualization & BI:** Power BI, Tableau, Excel, Dashboard Development, Lucidchart, Figma, Miro
- **Cloud & ML:** Azure ML, Azure AI, Cloud ML Pipelines, SaaS/PaaS/IaaS
- **Database:** SQL, MongoDB, ERD, Data Normalization (3NF), Data Warehousing
- **BI & Tools:** Reporting Automation, Process Optimization, Jupyter Notebook, Git, Microsoft Office
- **Languages:** Korean (Native), English (Fluent), Chinese - Mandarin (Conversational)

EDUCATION

University of Washington, Seattle, WA Master of Library & Information Science	Jun 2026
Daejin University, Korea Bachelor of Library & Information Science (major) and International Studies (minor)	Aug 2022

PROFESSIONAL EXPERIENCE

Student Assistant University of Washington Seattle, WA	Sep 2024 – Present
• Built an automated reservation system integrating a web form with Excel tracking, improving accuracy by 15%.	
• Streamlined tracking for 200+ organizations, reducing turnaround time by 25% and enhancing decision-making.	

Undergraduate Intern National Library of Korea & National Library for Children and Young Adults Seoul, South Korea	Sep 2024 – Present
Apr 2021 – Sep 2021	
• Analyzed youth VR engagement data (500+ participants), increasing participation by 15% through data-informed adjustments.	
• Built attendance dashboards and automated collection reports, improving planning efficiency by 10%.	

PROJECTS

AI for Personal Knowledge Management Independent Research Seattle, WA	Jan 2026 – Present
• Designed an AI-supported knowledge management system analyzing student-generated text to surface learning patterns and meaning-making processes.	
• Built a prototype pipeline integrating text summarization, topic extraction, and temporal visualization to support human interpretation rather than automated judgment.	

Ad Click Prediction Using Cloud-Based ML Coursework Project Seattle, WA	Mar 2025 – Jun 2025
• Built a real-time ad click prediction pipeline using Azure ML, emphasizing model performance monitoring and experiment-driven optimization.	
• Designed cloud architecture with A/B testing, improving prediction accuracy by 12%.	

Online Shopping Retail Database Development Coursework Project Seattle, WA	Jan 2025 – Mar 2025
• Designed and implemented normalized SQL databases (3NF) for eCommerce analytics, improving query performance by 30% through indexing optimization.	

Analyzing Netflix's Recommendation System Coursework Project Seattle, WA	Jan 2025 – Mar 2025
• Analyzed recommendation system logic and user interaction data, identifying personalization bias, interpretability gaps, and retention risks.	

ADDITIONAL EXPERIENCE

Korean Graduate Student Association Secretary University of Washington Seattle, WA	Sep 2024 – Sep 2025
• Managed budget and communications for the Korean Graduate Student Association, increasing event participation by 30% through survey-driven promotion.	

Reader/Grader University of Washington Seattle, WA	Jan 2026 – Mar 2026
• Evaluate SQL exercises, ERD diagrams, normalization tasks, and database design assignments, providing clear written feedback to support student learning.	
• Collaborate with the instructor to refine grading guidelines and maintain an efficient, well-organized assessment workflow.	