Aizat Sagymbaeva

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Education

Master of Science, Data Science (Ongoing)
Technische Universität Wien

Focus on statistics, machine learning, data engineering, and applied analytics.

BA in Cross-Disciplinary Strategies - Applied Studies in Art, Science, Philosophy, and Global Challenges
University of Applied Arts Vienna

Strong emphasis on analytical projects and applied research across global challenges.

Interdisciplinary studies integrating data, research, technology, and social sciences.

Coursework: Statistics, Data Management, Data Visualization, Empirical Research (quantitative & qualitative), Programming, HCI, and Economics & Politics.

Relevant Experience

BA Thesis Project: Mapping Sectoral Seniority-based Salary Progression Regulations in Vienna

University of Applied Arts Vienna | February 2025 - June 2025

- Analyzed seniority-based wage progression across Austrian industries using collective agreement data.
- Visualized cross-sector wage mobility gaps with Power BI, focusing on low-wage sectors like hospitality.
- Combined economic analysis, data visualization, and applied research.

Data Analytics Project: Working hours to labour cost correlation visualisation across Austrian occupational sectors

University of Applied Arts Vienna | January 2024 - June 2024

- Developed data visualizations depicting socio-economic disparities in labor hours and wages across industries, focusing on the gastronomy sector and its intersection with fair labor. Results show that gastronomy workers on average earn 20-30% less than sectors with similar skill requirements despite working 5.7% more in time.
- Strengthened skills in data wrangling, management, and visualisation.

Skills

Data & Technical Tools: Python, SQL, Power BI, Tableau, Excel, SPSS, HTML, CSS, JavaScript

Languages: English (C1), Russian (C2), Turkish (B2), German (B1), Kyrgyz (Native)