Laura Virtanen

Helsinki, Finland

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Education

Aalto University

Master of Science (Technology) in Computer, Communication and Information Sciences
- Machine Learning, Data Science and Artificial Intelligence Major

Aug 2020 – Jul 2022 | Espoo, Finland

GPA: 4.7/5.0

University of Helsinki

Bachelor of Science in Computer Science

Aug 2017 – Jun 2020 | Helsinki, Finland

GPA: 4.5/5.0

Work Experience

Data Scientist | Supercell | Aug 2022 - Present | Helsinki, Finland
- Analyzed player behavior data using SQL, Python (Pandas, NumPy), and Spark to inform game design decisions.
- Developed predictive models for player retention and monetization.
- Built and maintained data pipelines for ETL processes.
- Visualized data and presented insights to product teams using Tableau and custom dashboards.

Skills

Programming: Python, R, SQL, Scala

Data Science Libraries: Pandas, NumPy, Scikit-learn, PySpark, TensorFlow/Keras

Databases: Snowflake, PostgreSQL, BigQuery

Big Data Tools: Apache Spark, Airflow

Data Visualization: Tableau, Matplotlib, Seaborn, Plotly

Cloud Platforms: AWS (Redshift, S3, EMR), GCP (BigQuery, Dataflow)

Methodologies: Machine Learning, Statistical Analysis, Experimentation (A/B testing), ETL Processes

Other Skills: Gaming Industry Analytics, Communication

Certificates

AWS Certified Data Analytics – Specialty

Awards

Aalto University Dean's List