


address
city, country

Darkhan Rysbek

phone number
email
 LinkedIn

Employment

Data Engineer	Technodom	Aug 2022 – Present
----------------------	------------------	---------------------------

- Designed and implemented a cost-effective data streaming solution using Amazon Kinesis and Glue Streaming, reducing data processing expenses by 20%.
- Developed a scalable and reliable data platform by integrating Delta Lake with a Data Lake in S3, improving data processing and analysis capabilities.
- Automated the database migration process to a Data Lake using DMS, reducing downtime and increasing the speed and efficiency of the migration.
- Integrated data from Google Analytics into custom dashboards and reporting tools using the Google Analytics API, improving data analysis and decision-making by 40%.

Data Engineer	DAR Tech	Mar 2020 – Aug 2022
----------------------	-----------------	----------------------------

- Increased data efficiency by combining multiple data sources into a centralized Data Lake on S3, improving data accessibility and facilitating integration with analytical tools.
- Optimized ETL workflows by using Apache Airflow to schedule and manage data processing jobs, reducing manual intervention and increasing the reliability of the ETL process.

Data Analyst	GeoVision Group	Jul 2019 – Mar 2020
---------------------	------------------------	----------------------------

- Built Tableau dashboard to visualize core business KPIs, saving 10 hours per week of manual reporting work.
- Created customized and interactive Excel dashboards to visualize and analyze business data, providing actionable insights to decision makers.

Education

Ankara, Turkey	Middle East Technical University	Sep 2016 – Jun 2019
-----------------------	---	----------------------------

- **M.S. in Applied Mathematics.**
- **Graduate Coursework:** Statistical Learning and Simulation, Numerical Optimization, Introduction to Scientific Computing I, Introduction to Scientific Computing II, Finite Element Methods for Partial Differential Equations: Theory and Applications, Inverse Problems

Technical Experience

Projects

- **Sentiment Analysis Model (2019).** Built a machine learning model to detect sentiments from texts, reviews in Turkish language. Python, Keras, RNN.
- **Question Answering Chatbot (2020).** Implemented a chatbot that answers to questions from the given texts in Russian language. Python, Transformers, Flask, Rasa.

Additional Experience and Awards

- **Olympiad Trainer (2014-2016)** Prepared students for international olympiads in mathematics.

Languages and Technologies

- Python, SQL, Spark, AWS (S3, Lambda, Glue, DMS, Kinesis), Airflow, Tableau, Superset, Git