

# Eren Demirel

I am a quick learner with strong team communication skills and an exceptional problem-solving ability. I am technically proficient and well-equipped to handle any challenges that come my way. I thrive in new projects and dynamic environments. My focus on continuous improvement and innovation allows me to add significant value to my team.

## Work Experience

### Eureko Sigorta

June 2022 - Present

- While extracting the data sets required by the International Financial Reporting System (IFRS) from the raw data we have, I also transform them into the desired formats. This involves cleaning, structuring, and validating data to ensure it meets the stringent requirements of IFRS reporting standards. I accomplish these tasks using SAS Enterprise Guide (SAS EG) and SQL, leveraging their powerful data manipulation and analysis capabilities.
- In addition to these core activities, I also work on automating manual tasks typically performed in Microsoft Excel. By creating automated workflows and scripts, I reduce the potential for human error, increase efficiency, and ensure consistency in the data processing and reporting tasks. This automation typically saves an average of 2 workdays per month per project.
- I am responsible for preparing interpretable data needed for actuarial processes and financial reporting, and for creating and documenting these processes comprehensively. This includes developing end-to-end workflows, ensuring data accuracy, and producing clear documentation that explains every aspect of these processes.
- I have experience developing a tool that extracts discounted cash flows according to IFRS 17 standards and demonstrates the impact of discount curves. Initially, I developed this tool in Python to handle these calculations. However, due to performance issues with large datasets, the tool was rewritten using Oracle SQL and Power BI. This transition not only improved performance but also enhanced the scalability and integration capabilities of the tool within our financial reporting framework. It underscores my ability to adapt and optimize solutions according to project requirements and technical constraints.
- As part of our department's monthly closing preparations, I automated the process of sending individual emails to various departments to outline our requests using a Python-based bot. Initially, this involved manually drafting and sending multiple emails, which was both time-consuming and prone to errors. By developing a Python bot, I streamlined this process, ensuring consistent and timely communication. This successful automation not only saved valuable time but also inspired us to target similar manual tasks for automation in the future.

## Contact

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## Educational Background

### Mathematical Engineering

Yıldız Technical University  
Sep 2019 - May 2024

## Skills

### Competences

- Business Development
- Analytical Thinking
- Problem Solving
- Data Analytics

### Tools/Software

- Python for Process Automation & Data Analysis
- Excel
- SAS Eg
- SAS Solution for IFRS17
- Oracle SQL
- Power BI
- Flutter

### Languages

- Turkish
- English

## Additional Information

- I successfully completed the Data Academy program organized by Eureko Sigorta, culminating in a project preparation and presentation.

## References

- Available on request