



# Ismail Arda

Data Scientist & Engineer

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## ABOUT

I am a Data Scientist and Data Engineer with expertise in designing, developing, and maintaining complex data systems. My core skills include building efficient data pipelines using Python and Node.js, as well as leveraging Google Cloud Platform to manage and analyze large datasets. I have extensive experience in developing predictive models and extracting actionable insights using advanced machine learning and statistical techniques. Since March 2022, I have focused on maintaining high data quality and integrity, consistently collaborating with crossfunctional teams to solve business-critical challenges. I bring a strong analytical mindset, adaptability, and a proactive approach to every project, with a clear emphasis on teamwork and achieving shared objectives. For more information here is the link to my LinkedIn profile:

<https://www.linkedin.com/in/ismail-arda>

## EDUCATION

**Data and Information Science (B.Sc.)** Sep 2018 - Sep 2023  
University of Applied Sciences - TH Köln, Cologne

## WORK EXPERIENCE

**Data Scientist** Sep 2023 - Aug 2024  
veniture GmbH

- Design, development and maintenance of databases, data pipelines and data analysis tools
- Collection, processing and provision of large data sets to identify relevant findings and trends
- Development of data-driven models, e.g. using machine learning, statistical methods or optimization methods
- Data cleansing and management to ensure data quality
- Cross-team collaboration to solve business problems

**Working student** Aug 2022 - Sep 2023  
veniture GmbH

- Working student in the field of Data Science & Internal Development

**Internship** Mar 2022 - Jul 2022  
veniture GmbH

- Internship in the field of Data Science & Internal Development

**Working student** Jan 2021 - May 2021  
Valtech GmbH

- Front-end development using HTML, CSS, and JavaScript
- Familiar with various web development frameworks such as React

## SKILLS

Python  
Machine learning  
Artificial Intelligence  
Node.js  
Rest APIs  
API development  
Docker  
Kubernetes  
JavaScript  
React.js  
HTML  
CSS  
Google Cloud Products  
SQL  
PostgreSQL  
MySQL  
MariaDB  
BigQuery  
Looker  
PowerBI  
Linux  
Git  
Bitbucket  
Jira  
Confluence  
Data cleansing

- Skilled in troubleshooting and debugging web applications
- Strong understanding of responsive web design principles

**Working student**

Jan 2019 - Feb 2020

Appmatics GmbH

- Working student in the area of quality assurance for mobile apps and websites

Data Quality

MS-Office Products

Analytical skills

Teamwork

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## LANGUAGES

German

English

Turkish