

# AHMAD ALISMAIL

## Data Scientist

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January 1, 1990

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## WORK EXPERIENCE

### Junior Data Scientist

#### xax managing data & information

03/2022 – Present Meschede, Germany

- Contributed to the development of a data-driven treasury management system using deep learning methods.
- Designed relational data vault and data warehouse architectures using SQL and Analytics Creator for optimized data storage and reporting.
- Employed machine and deep learning algorithms to forecast sales and improve business decision-making.

### Graduate Assistant

#### University of Regensburg

04/2020 – 11/2021 Regensburg, Germany

- Provided administrative support to the team of the Dean's Office of the Faculty of Economics and Business Administration.
- Assisted with organizing the "Student Advisory Service".

## EDUCATION

### Master's Degree | Business Informatics

#### University of Regensburg

04/2018 – 08/2021 Regensburg, Germany

- Focus:** Internet Business and Data Science
- Seminar:** Features Importance in Machine Learning Applications
- Practice seminar:** Application of Multi-Task Learning for Aspect-based Sentiment-Analysis
- Master's thesis:** Analysis of Customer Reviews in the Movie Domain: Identification of Aspect and Sentiment Features with Neural Networks. Grade: 1.3

### Bachelor's Degree | Economics

#### Al-Furat University

10/2008 – 03/2013 Deir Azzor, Syria

- Focus:** Banking and Finance

## PROJECTS

### Podcast Analyzer ([GitHub Repo](#))

- Developed a web app to transcribe YouTube videos, identify named entities, answer content-related questions, summarize content, and extract main topics.

Whisper

SpaCy

LangChain

Streamlit

### SHAP Explainer ([GitHub Repo](#))

- Developed a web app to explain regression models, analyze feature importance, examine feature interactions, and conduct 'What-If' analyses.

SHAP

Plotly

Streamlit

## SKILLS

Python

SQL

Analytics Creator

PyTorch

Pandas

SpaCy

LangChain

Hugging Face

Flair

Git

Linux

Plotly

Dash

Streamlit

Azure Synapse Analytics

Google Vertex AI

W&B Platform

## LANGUAGES

**Arabic:** Native

**German:** Professional working proficiency

**English:** Professional working proficiency

**Russian:** Intermediate