

## CONTACT

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Hamburg & Rhine-Ruhr area, Germany;  
also open to remote roles

## EDUCATION

### Data Analytics Certification

CareerFoundry | Hamburg, Germany  
Nov 2023 - Apr 2024 (775+ UE)

Intensive project-based program:

- Preparing & Analyzing Data
- Data Visualizations & Storytelling
- Databases & SQL
- Python Fundamentals
- Data Ethics & Applied Analytics
- Advanced Analytics & Dashboard Design

### English as a World Language, MA

University of Hamburg, Germany | 2013 - 2016

### African Languages & Cultures, BA

University of Hamburg, Germany | 2009 - 2013

## SKILLS

- Data Wrangling
- Translating Business Requirements
- Exploratory Data Analysis (EDA)
- Data Integration & Transformation
- Database Management & Querying
- Statistical Analysis & Hypothesis Testing
- Data Mining
- Predictive Modeling & Forecasting
- Visualization & Storytelling
- Project Management

## TOOLS

- Python | Jupyter Notebooks
- Tableau
- PostgreSQL
- Microsoft Office
- Version Control

## SOFT SKILLS

- Problem-Solving
- Adaptability
- Self-Responsibility
- Teamwork
- Resilience

## LANGUAGES

- German | native
- English | full professional

# Sarah Tischer

## DATA ANALYST

Data Analyst with an NLP project management background bridges the gap between complex data and actionable insights. Leverages strong analytical skills and language understanding to craft clear stories through compelling dashboards and easy-to-understand visualizations. Empowers teams to make data-driven decisions that optimize efficiency and drive measurable results.

## LATEST PROJECT

### Understanding Disaster Risk (open exploratory project)

CareerFoundry | Hamburg, Germany | Mar 2024 - Apr 2024

- Identified the complex interactions between the dimensions of the WorldRiskIndex.
- Explored data through statistical and geospatial visualizations. Performed linear regression, k-means clustering, and time-series analysis.
- Uncovered patterns that could contribute to data-driven decision-making and support disaster risk management.

## EXPERIENCE

### Language Lead (NLP), supporting Google

Adecco Business Solutions GmbH | Hamburg, Germany | Jun 2021 - Jun 2023

- Streamlined team operations, managed efficient project delivery, and ensured high-quality Natural Language Processing (NLP) for the German Google Assistant.
- Facilitated communication between vendors, team members, and stakeholders, and established clear expectations. Implemented performance metrics to assess team utilization and instituted a consistent review process for all team members. Ensured successful integration of new technologies into daily workflows.
- Increased project delivery efficiency through enhanced collaboration and transparent communication. Achieved a consistent level of high-quality output from the team, leading to improved performance and client satisfaction.

### Associate Linguist, supporting Google

Adecco Business Solutions GmbH | Hamburg, Germany | Sep 2016 - May 2021

- Optimized the performance of Google's German language products to ensure accuracy, efficiency, and adherence to performance targets.
- Built and maintained high-performance NLU grammars, conducting in-depth analysis and error identification/resolution to ensure precision exceeded required thresholds. Programmed and localized NLG dialog response templates, ensuring flawless terminology and grammatical translations.
- Enhanced user experience for German Google Assistant users through improved language accuracy and understanding.