

# Paul Kleinschmidt

Data Engineer

## WORK EXPERIENCE

**Haensel AMS**, Berlin, Germany

*Technology and Data Analytics Boutique*

Data Engineer/Partner

09/2021 – Present

- Working as a data engineer on ETL/ELT pipelines that transform and join various data sources for (marketing) reporting purposes
- Usual (depending on client preferences) cloud infrastructure on AWS/GCP and using Kubernetes (K8) and Airflow for compute and orchestration
- Data Warehouses are either Snowflake, BigQuery or MySQL
- Main programming language is Python which is usually containerized and deployed using CircleCI (CI/CD)
- Development usually requires a certain degree of business context and general understanding of marketing concepts which then need to be translated into technical requirements and worked on with the engineering team

Data Scientist

09/2018 – 08/2021

- Working across various industries (e-commerce, logistics, retail) on data-driven solutions
- My role involved communicating with clients to first work out conceptual and then technical approaches to solving business goals (e.g. customer segmentation, churn predictions, customer-lifetime prediction)
- Role also involved developing MVPs (Python, XGBoost, Sklearn) and then supporting Engineering team in deployment and monitoring of models

## OTHER EXPERIENCE

**Saatchi & Saatchi**, London, UK

*Multinational communications and advertising agency*

Account Management Intern

07/2015 – 08/2015

- Working in collaboration with client Deutsche Telekom AG on mobile game "Sea Hero Quest"
- Contributed through research work on existing game offerings and projects done by competitors

## EDUCATION

**Maastricht University**, Maastricht, Netherlands

*Public University*

MS Business Intelligence and Smart Services (BISS)

09/2017 – 08/2018

- Explorative Master Thesis about the prediction of student dropout at Open University (Netherlands) using Deep Learning Algorithms (LSTMs)
- **8.16 GPA**

BS International Business

09/2014 – 07/2017

- Specialization in Information Management.
- Exchange Semester at Monash University in Melbourne (Australia)
- **8.48 GPA** (Cum Laude)

## CONTACT

- Berlin, Germany
- +49 17643604709
- pkpaul.kleinschmidt@gmail.com
- paulkleinschmidt.com

## SKILLS

*Programming Languages:*

- Python
- SQL
- Bash

*Cloud Services:*

- AWS (EC2, ECS, EKS, RDS, Lambda, API Gateway)
- GCP (VM, BigQuery, Cloud Run)

*Techniques:*

- ETL/ELT
- Distributed Processing
- Machine Learning

*Tools and Software:*

- Apache Airflow
- Snowflake
- Docker
- Kubernetes
- CircleCI
- Git

*Languages:*

- German (Native)
- English (Fluent)