Sisi Huang

Data Analyst

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📍 Berlin, Germany

EXPERIENCE

Data Analyst   03/2022 - Present
Raisin, Berlin

- Engaged in a cross-functional team and run customer segmentation with customer surveys to specify user persona.
- Completed data migration projects and offered a training session in Looker, supported various teams in migrating dashboards to meet the deadline.
- Explored and implemented new features of Looker and applied unit tests for data models by reducing 20% manual testing work.

Data Analyst   03/2021 - 02/2022
Vaultoro Limited, Berlin

- Designed an algorithm to detect unusual behavior in transactions and raised warning messages via slack.
- Outlined KPIs for customer retention and onboarding processes and built Kibana visual dashboards for bettering understanding of customers' behavior.
- Pulled data automatically from 3+ sources through calling APIs, writing a web crawler, and integrating third-party data.
- Transformed GB+ data into the same category and stored in database and search engine (MongoDB, Elastic search).

Research Assistant   12/2018 - 02/2021
Social Science Center Berlin, Berlin

Developed the following applications and dashboards using R, by closely working with the Research Director and 20+ scholars from 10+ counties:

- DDWizard: for querying, diagnosing 10+ quasi-experimental designs, and presenting well-documented and reproducible results.
- CausalQueries: for implementing Bayesian methods for causal inference and delivering researchers deep-diving into results.
- Dash-dash: for collaborating 20+ analytical teams and policymakers in Nigeria, Uganda, and Sierra Leone with up-to-date data storytelling about COVID-19 in their respective countries.
- Crowdsourcing hypotheses app: for a COVID-19 model challenge, enabling 100+ social scientists to understand cross-national and subnational patterns better.

Junior Analyst   05/2017 - 08/2018
Agder Energi Solutions GmbH, Berlin

- Created a shiny dashboard application for defining, understanding, and monitoring 3+ key performance metrics of high-frequency trade and energy data.
- Collaborated with managers and IT engineers for forecasting intraday price by applying machine learning models.
- Reviewed 5+ different dynamic visualisation tools to identify the optimal option for company for its future data presentation.

EDUCATION

Statistics   2020
Humboldt University of Berlin - Master of Science

Major in Statistical Inference and Econometrics:

- Took additional courses in Business Analytics and Data Science

Statistics

Shanxi University of Finance and Economics - Bachelor of Economics

CERTIFICATES

IBM Data Analyst 01/2021 - Present

SKILLS

Python	Advanced	Git	Advanced
R	Advanced	Shell	Intermediate
SQL/NoSQL	Advanced	Power BI	Intermediate
Tableau/Looker	Advanced	Google Analytics	Intermediate

LANGUAGES

English	Fluent	Chinese	Native
German	Intermediate		