Sisi Huang

Data Analyst

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📍 Berlin, Germany

EXPERIENCE

Data Analyst   03/2021 - Present
Vaultoro Limited, Berlin

- Performed user segmentation by RFM model with cross-functional teams, implemented email marketing campaigns by A/B tests, securing 70% client renewal.
- Defined KPIs for customer retention and onboarding process, built Kibana visualization dashboards for preparing weekly data reports to Directors.
- Pulled data automatically from 5+ sources through calling APIs, writing a web crawler, integrating third-party data.
- Transformed 4+ GB data into 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 Shiny applications and dashboards using R, closely worked with 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 providing 20+ analytical teams and policymakers in Nigeria, Uganda, and Sierra Leone 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.

Research Assistant   02/2018 - 08/2018
Charité – Universitätsmedizin Berlin, Berlin

- Provided statistical analysis support to a team of 10+ physicians studying the relative diagnostic performance of tests.
- Prepared data from 3+ sources, formulated testable hypotheses, and coached physicians to grow analytical capabilities.

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 approaches(LASSO), increased deal profit by 10%.
- 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 2016

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	Advanced	Google Analytics	Intermediate

LANGUAGES

English	Fluent	Chinese	Native
German	Intermediate		