

Peiwen Zhang

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KEY SKILLS

- Certificate for SAS 9 Advanced Programmer
- Excel (Lookup Functions, Pivot Table, Pivot Chart, Macro), Tableau
- Excel Financial modelling, Variance Analysis, Trend Analysis
- SQL, SAS, Python

EXPERIENCE

KGS Research

Toronto, ON

Data Analyst

July 2020 – Present

- Perform quality checks at various stages of the research to ensure accuracy, and to avoid errors or mistakes; Checking programmed surveys for logic and precision
- Coordinating research projects such as specifying research design to operations, monitoring progress of operations including tabs and coding
- Monitoring and reviewing the quality of data that's collected to ensure samples and quotas meet the project plan
- Supporting with the flow and logic of questionnaire construction

Fintelics

Toronto, ON

Data Analyst

April 2020 – July 2020

- Processed data migration from third party Intrinio to localhost for local testing
- Performed ETL (Extract, Transform, Load) process as in maintaining and updating database pipeline, retrieving data from PostgreSQL, data cleaning and processing using Python, and model testing
- Controlled data quality and transformed raw data into implementable data for other IT Teams
- Researched on “human resources exchange platform” business project from basic design to marketing application analysis, developed a detailed estimation and evaluation of “HR exchange platform” business plan

China Mobile

Zhengzhou, China

Data Analyst

May 2010 – Aug 2019

- Designed locating signal interference source algorithm and developed U2 product by researching and studying on unsupervised clustering using python machine learning
- Created SQL packages for migrating conversion data to mirror environments and then validate data according to new product and data model
- Worked with business and technical contacts of 3rd parties Nokia and HuaWei to finalize the billing and provisioning interface requirements

PROJECTS

The Android App Market on Google Play

March 2021

- Processed user review data mining by plotting sentiment polarity scores of user reviews for paid and free apps from Google Play Store to determine how people feel about the product
- Visualized size and price of an app through joint plot, examined the price trend and category through stripplot, and user review sentiment polarity for paid vs. free apps using boxplot
- Concluded that paid apps have larger user review sentiment than free app

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Applied Mathematics and Statistics

April 2020