KESSIE ZHANG

DATA ANALYST | DATA SCIENTIST

CONTACT INFO

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PROGRAMMING LANAGUES

Python
R

DATA SCIENCE SKILLS

Regression
Classification
Clustering
NLP
Topic Modeling
Time Series
A/B Testing
Web Scraping

DATABASES AND STORAGE SKILLS

MS Access
SQL
SQL Server Integration
Services(SSIS)
MongoDB
AWS
Hadoop
Hive
Spark

DATA VISUALIZATION SKILLS

Tableau
Matplotlib
Seaborn
Plotly

EDUCATION BACKGROUND

California State University, East Bay

Master of Science, Business Analytics 2020

University of California, San Diego
Bachelor of Science, Applied Mathematics 2017

WORK EXPERIENCE

Data Scientist

Metis   07/2019 - 09/2019

- Developed end-to-end projects and presented biweekly findings to 20+ data scientist colleagues and company representatives as part of a competitive, immersive data science program.
- Applied NLP and machine learning techniques to deploy a Tableau dashboard to make booking and comparing hotels based on pros and cons more convenient.
- Produced a perfume recommendation system by content-based filtering and clustering on perfume descriptions to help customers identify similar alternatives to their favorite scents.
- Employed classification models to perform customer segmentation on Airbnb users and give recommendations to encourage likelihood of first-time users booking.
- Built a linear regression model on 100+ court NBA performance metrics and salaries scraped from several websites to help NBA teams draft players with high performance-to-cost ratios.

Data Analyst Intern

Shanghai Pudong Bank   06/2018 - 08/2018

- Performed detailed loan lending monitoring and verification for residential and consumer mortgage loans to enforce compliance with various policies, procedures, and regulations.
- Analyzed small business and individuals financial data and developed Tableau dashboards to provide insights for assessing credit risks.

Junior Analyst

Novitex Exela   12/2017 - 04/2018

- Developed data analysis models using Excel to reduce operational costs and maximize profit yields.
- Reconciled information between pre-existing financial reports and billing statements with customer account information to lessen customer support friction.