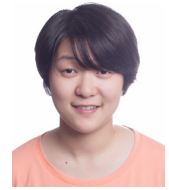


Xu Zhitong

+65 98901183 | ZhitongSTAT@outlook.com
Singapore
<https://zhitongxu.github.io/>



EDUCATION

National University of Singapore	Aug 2021
Statistics Master Department of Statistics and Data Science	Singapore
Renmin University of China	Sep 2017 - Jun 2021
Statistics Bachelor School of Statistics	Beijing

PROFESSIONAL EXPERIENCE

Amazon Web Services	Dec 2020 - Mar 2021
Business Analyst Intern WWSO	Beijing
<ul style="list-style-type: none">Collect customer feedback, build customer profiles, and design customer cloud service product usage survey questionnairesResearch on big data applications in the e-commerce, gaming, and automotive industries, conduct demand analysis, be familiar with Analytics products, and assist in completing the AWS big data analysis practice playbookUse python script to grab monthly updates of Analytics products, automatically generate newsletters and push themWork closely with business teams and projects to determine, define and record analysis and report requirements, determine baseline problem statements, and integrate information into analysis reports for decision-making use	

PROJECT EXPERIENCE

Research on the Frontier Knowledge Graph of International Statistics Based on DCMM	Oct 2019 - Present
team member	
<ul style="list-style-type: none">Based on 31,681 academic papers from 22 top English journals of Statistics from 2008 to 2018 collected by Web of Science, build up a keyword co-occurrence network to explore the keyword structure and interaction mechanism of international statisticsObtain adjacency matrix of domestic and foreign keyword connected sub-graph data, research the focus of the topics and realize the visualizationDeploy the research results of the project team to the website, and develop its derivative product, a statistical knowledge self-evaluation system, to prejudge young scholars' potential to grasp the opportunities for collaboration with world-class scholars, based on the willingness of professional inclination, knowledge reserves and so on. Project Demo address: http://175.24.105.22:8091/home/	
Smart supermarkets' site selection analysis and single store strategy formulation	Mar 2021 - May 2021
team member	
<ul style="list-style-type: none">Use ArcGIS to analyze the POI point information within a certain range around 88 Meituan Maicai sites and get the shopping demand index score of each siteConstruct an evaluation system based on the population flow heat map and the number of surrounding competitors to evaluate the existing site selectionUse cluster analysis to develop different product selection strategies for stores with different geographic characteristics and provide suggestions for the layout	
New York taxi ride time forecast	Jul 2019 - Aug 2021
team member	
<ul style="list-style-type: none">After supplementing external data and preprocessing, perform feature engineering to obtain the results of decision tree, KNN, random forest, neural network and other models. Among them, random forest has the best effect, ranking in the top 41.6%, as the baselineAccording to the importance results of XGBoost, the variables are screened and the parameters are adjusted. The model ranks in the top 13.9%. Later, the LightGBM model is used and the parameters are adjusted. The model ranking is increased to the top 4.9%. Finally, stacking is used, the first layer model is LightGBM and XGBoost, the second layer model is linear regression, and the final model ranking is the top 4.2% after tuning parameters	

SKILLS, CERTIFICATIONS & OTHERS

- Skills:** R, Python, SQL, machine learning, website, data crawling, cleaning, visualization, analysis and modeling