Zhang Qin

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Guangzhou

Education experience

Shaanxi Normal University   211   2019年09月 - 2023年06月

Bachelor degree in Computer Science and Technology   GPA：3.2

- Honor / Award: Provincial second prize of the National Mathematical Modeling Competition
- Related major courses: Big Data visualization, Data mining, Python, Database principle, Advanced data structure, big data
- application

Work experience

Aoki Technology Company   Consumer operation (data direction)   2023年05月 - 2023年07月

Guangzhou

- Increase the volume and maintain the closeness of users, the delivery channels include the express train, recommended advertising, intelligent delivery, etc., monitor the cost of different channels, and adjust the cost of each SPU.
- Responsible for the data analysis & monitoring of a clothing brand, including daily operation data monitoring, data monitoring of big promotion activities, output daily, weekly, monthly and data reports, and promote product and operation adjustment according to the data.

Project experience

                                                                          2023年01月 - 2023年05月

Graduation project-learner behavior pattern mining

- Studying the learning user data of MOOC platform can help the platform and teachers to design teaching links to improve teaching efficiency.
- For the behavior mode of excellent learning users in 3000W + user log data mining MOOC learning platform, the pandas library is used to clean and preprocess 10GB data, select features through the clustering algorithm to complete the aggre-gation of user behavior sequence data, adopt Prefixspan algorithm to mine frequent behavior sequence, and discover the behavior habits of the group.

Double-reduction policy research team   2022年07月 - 2022年08月

- Led the team members to invite students, parents, teachers and principals to participate in the interview and survey, and collected 1000 + questionnaires.
- Responsible for sorting out and analyzing about 1500 + questionnaire data, data preprocessing in python (pandas library), and data visualization through (matplotlib library, seaborn library), participated in the writing of the team 10,000 words summary report, and won the provincial excellent team.

Study on the path optimization algorithm   2022年03月 - 2022年05月

- Responsible for consulting papers related to path algorithm 50 +, and determined to use MDVRPTW model to solve the problem of selling and distribution inside and outside the school.
- Cooperated with the team members to realize path optimization by genetic algorithm and simulated annealing algorithm and comparison, evaluated the SA algorithm was better than GA algorithm, and wrote 10,000 words + small paper.

The National Mathematical Modeling Contest   2021年09月

- Using the order quantity of enterprises and the supply quantity data of suppliers in the past five years, the evaluation model of the importance of suppliers to enterprise production is established through data dimension reduction, cluster analysis, gray correlation analysis, and determination of characteristic weight.

Other

- Skills: Familiar with Office operation (pivot table), SQL language, python language, Power BI, tableau software
- Language: Language: English (CET-6:485), Cantonese (fluent)

Personal summary

- I have skilled Office operation skills, especially good at the use of data pivot table. Proficient in SQL language and Python language, capable of data analysis and processing. Proficient in using Power B and Tableau software for data visualization and report making. In the past work, I have successfully improved the work efficiency and the accuracy of decision-making through data analysis and report making, and have made remarkable achievements. Has optimized its sales strategy through data analysis and increased its sales by 35%. I have a strong interest in and enthusiasm for data analysis and data visualization, and I hope to develop in related fields. I look forward to joining your company and contributing my professional knowledge and skills to the development of the company.