Name: 042818 Contact: 18700042818

Work Experience: 2.4 years

Company: Huawei Technologies Co., Ltd

Appointed Post: Digital Engineer

Department: CBG Planning Business Management

Qualification: Level 2 Big Data Analysis and Design

Educational Background

• 2017/9–2020 /6	Xidian University	Statistics	Master
• 2013/9–2017/6	Henan University	Communication Engineer	Bachelor

Huawei Work Experience

2019/07-2019/08（Internship）and 2020/06-Now（Full-time）2020/06-2022/07，I have joined Huawei terminal BG, and the four performances are respectively B+/A/B+/A. 2020/06-2022/07, add AI_ LAB, as the AI algorithm product manager&data analyst, is responsible for building AI algorithm model products such as big data and artificial intelligence in the field of Huawei CBG industrial manufacturing and supply chain (ERP, APS, MES, etc.), focusing on the goal of building industrial digitalization, using AI, mathematical planning and simulation and other advanced data analysis technologies, to continuously improve the scientificity and optimization of planning and decision-making, and build relevant basic platforms Algorithm model products and data analysis services.During My tenure, I led the implementation of four projects, such as multi factory optimization scheduling engine (FP)

Professional Skills

- Master the CBG supply chain_ Business scenarios, process rules and digital design methods related to the planning field
- Master classical AI, ML, Time Series, Big Data and other related model algorithms, such as SVM, RF, MIP, ARIMA, Propht, DeepAR, etc；
- Master classical AI, mathematical planning, time series, big data analysis and other related model algorithms, such as SVM, RF, MIP, ARIMA, Propht, DeepAR, etc. Master Python, be familiar with MATLAB, R and other data analysis software, and be familiar with Linux operating system；
- Good professional foundation in statistics and communication engineering, master common data structures and algorithms；
- Certificates obtained: CET-6, CET-4, computer level II (python)；

Key projects/work

1、Multi Factory Scheduling Engine(FP Engine) 2020/07–2022/01

① Project introduction: According to the production scheduling business backgro und and process rules of terminal BG factory, based on the mixed integer optimiza tion model, design a multi factory production scheduling engine to replace the A- related engine developed by JDA

② Key work：1. Business research. 2. Core model development and Test. 3. Produc tion environment full data extraction. 4. UAT test training. 5. Model Deployment, l aunch and operation and maintenance optimization

③ Business Effect：Successfully replaced the A related scheduling engine develop ed by JDA; The running time of the engine is greatly reduced, the JDA engine runs for 1.5h, and the self-developed engine runs for 15min; Complete set rate of the whole machine increased by 5% - 10%

2、DC&Store Replenishment Decision Engine 2021/09–2022/07

① Project introduction：According to the background of DC and store replenishment business in China, design a sales forecast and replenishment decision-making model, analyze the historical sales data of stores in China, predict the future sales of stores, and output scientific and accurate replenishment plans.

② Key work：1. Business research. 2. Core model development and Test. 3. Production environment full data extraction. 4. UAT test training. 5. Model Deployment, launch and operation and maintenance optimization

③ Business Effect：After the launch of DC&Store Sales Forecast and Replenishment Decision Engine in China, the accuracy of sales forecast has increased by 15% - 20%; It is suggested that the direct release rate of replenishment amount should be above 95%, and the manual calculation time of business should be reduced by 2h/day; The inventory cost was reduced by XX million yuan, and the transportation cost was reduced by XX million yuan.

3、Capacity Planning Model 2021/08–2022/04

① Project introduction：According to the business scenarios and business rules of terminal BG factory capacity planning and supplier resource scheduling, based on the mixed integer optimization model, output the optimized D line capacity planning and resource scheduling plan, cut peak and fill valley, and reduce the risk of factory capacity and supplier resource venting.

② Key work：1. Business research. 2. Core model development and Test. 3. Production environment full data extraction. 4. UAT test training. 5. Model Deployment, launch and operation and maintenance optimization.

③ Business Effect：After the capacity planning&resource scheduling model is launched, it successfully replaces the operator to manually calculate the capacity and resource scheduling plan of Line D, reducing the business manual calculation time by 8h/week; The model suggests that the direct release rate of capacity planning and resource scheduling plans is more than 90%.