



WangJu--BI Engineers

Common analysis tools and skills:

Database: Oracle, Mysql; MongoDB
Programming/scripting languages: Python, SQL
Front-end visualization: CSS + JS + HTML; Echarts, Pyechart;
BI Tools: PowerBI, Tableau, FineBI
Analysis Tools: Numpy,
Pandas ETL Tools: Kettle
Big Data Platforms: Hadoop, Hive, hbase
Common frameworks: Django, Flask, Sklearn, scikit-learn

China Aviation Development Technology

Data Analyst (Technical Engineer)

2014.12-2018.03

1. Industry and Market Analysis:

Mining the latest rules of the industry, analyzing industry data and combining with the company's internal data to provide data support for the decision-making of production and sales departments. International market research, Data collection, through data analysis to prepare for product positioning and market strategy layout.

2. Product Analysis:

Performance data analysis of the company's main products (WP-16, WS-18 and other major models), test data analysis, and sales and revenue analysis.

3. Business Forecast:

Analyze the relationship between engine demand and supply, and the relationship between hardware indicators and product performance, so as to provide decision support and competitive analysis for procurement and production activities. Python (Pandas, numpy, Matplotlib, Skit-learn, etc.)

4. Project Management:

Make the project implementation plan according to the company's requirements, optimize the project process, supervise the implementation, report the project progress to the superior regularly, and grasp the time cycle.

5. Data system development and management:

Participate in the development of the company's data software system, refine the data use requirements, coordinate and communicate across departments, and put forward corresponding system optimization suggestions.

Huawei Technologies Chengdu Research Institute (Enterprise BG Sharing Center) Data Analyst (Technical Engineer) Senior 2018.09-2021.02

2. Page planning and design of data monitoring large screen system:

Key indicators of business logic (traffic volume, connection rate, customer satisfaction, timely connection rate, etc.) collation and archiving, process optimization. Determine the scope of the entire large screen data analysis, as well as the main operational indicators and quality inspection indicators.

3. Development of data analysis and processing software:

Use Python to connect with Callcenter data lake, process and analyze traffic data from all over the country, including it cloud computing, UCC and other product lines. Responsible for Web automation software, Web crawler development, etc.

4. Responsible for big data analysis training of business departments:

Explain the use of data analysis tools; Explanation and training of thematic analysis ideas; Operation guidance of each business analysis platform of the company.

5. Business Data Mining:

Explore the links between work orders, fault events, orders, contracts, traffic and other major business sectors, and use PAC principal component analysis model, linear regression model, K nearest neighbor classification model, decision boundary model and so on to train business data sets and improve the accuracy of business prediction.

Chuangli Technology Co., Ltd

Senior Data Analyst

2021.03-2022.03

1. Data report demo prototype design:

Participate in the report prototype design of the company's major projects, use FineBI, Tencent Cloud Map and other tools to design the data report prototype demo, collect customer feedback and make improvements.

2. Business content planning for data products:

The company's products involve (intelligent OA system platform, enterprise digital intelligence center platform, contract management system, intelligent project management and control system, business analysis platform, etc.), and the content of the data analysis section is planned and designed.

Project experience

Financial data model (large screen board)

Analyst, developer,

2017.04-2017.08

Project description:

Collect the company's financial statement data in 2017, communicate with cost accountants and other colleagues, and use VBA + SQL to achieve the project requirements.

Project results:

In addition to ERP, there is no other tool with a higher degree of visualization for the revenue status of various products in various departments of the company. Finally, a financial data model board is developed, which can dynamically and intuitively display the profit status of each product, as well as the fluctuation of various indicators such as sales volume. It greatly improves the time cost of financial data analysis and processing.

Project description:

Human performance data (automated accounting analysis)

Project leader

2017.08-2017.10

The salary performance calculation of each position in each department of the company, including the general manager, deputy general manager and regional manager, was originally completed by the salary performance supervisor manually according to the company's standards, and then entered into OA. Later, led by the operation director, the salary performance analysis of each position was re-carried out, and Python technology was used. A detailed list of human performance rankings is automatically generated on a regular basis.

Duty

Collect and establish the data of various performance evaluation indicators, design the interface, write the program, distribute it to all branches nationwide, train employees to use the tool, and issue the performance data analysis report of each post every week after it goes online.

Project results:

It thoroughly improves the unreasonable situation of salary performance data accounting, and ensures that most people's work results are displayed through the rationality and scientific analysis of the data.

Huawei Technologies China Enterprise Customer Service Center-Data Analysis
Large Screen Monitoring Data Analysis/Platform Development

2018.10-2018.12

Project description:

The data analysis and large-screen monitoring of Huawei Technologies China Enterprise Customer Service Center involves the detailed business data of 26 provinces and representative offices across the country, mainly including quality inspection data, traffic operation data, labor cost data and other modules. The whole large screen display area is about 50 square meters, covering all business indicators. It is convenient for enterprise operation management to find out business problems in time. Data analysis and monitoring of the whole process.

Duty

Data analysis and data visualization of change management data, labor cost data and CCR integral management data of Huawei China Enterprise Customer Center.

Huawei Technologies China Customer Service Center-CCR Customer Credit System Data
Analysis/Platform Development

2019.03-2019.06

Project description:

CCR integral analysis system is a data analysis platform independently developed by myself, which can conveniently query the integral situation of each customer service personnel through Huawei's intranet nationwide. The main interface person on the business side is the CCR team leader. Through the data platform developed by me, the team leader and relevant responsible persons can work on their own office computers. Update the relevant data of customer service personnel in real time, and display it on the data page in real time. At present, part of the system has been deployed on the public cloud, and the whole network can be accessed through the www.jabilhr.com: 8000.

Results:

In the past, CCR participated in various activities and contributions, and the points generated were recorded manually through Excel tables. It was very inconvenient to update and synchronize the data, which often affected the evaluation first because of the untimely synchronization. After the CCR integral management system was put on line, it provided a powerful data update guarantee on the data analysis side. The perfect chart support of Echart and PowerBI can display the work performance of individual employees.

Chengdu Environmental Investment Group Project Management and Control Platform

Data

2021-03-2021.06

Project description:

The environmental investment project is served by Chengdu Environmental Investment Group, a state-owned enterprise in Chengdu. The whole system is divided into eight parts, and the main purpose is to help customers solve project management needs.

Duty

Report development, large screen visualization design, business data sorting, business map information collection. After the project is delivered, subsequent report maintenance and new data analysis requirements are processed.

Results:

There are 13 overall business analysis reports, 3 large business visualization screens and 123 main business indicators. Help customers monitor project business data in real time from a full-dimensional perspective.

Certificate of honor

English Skills: CET-4, CET-6, TOEIC (695/990)

Professional Title Certificate: Assistant Engineer Senior Engineer

Professional Certificate:Huawei HCIP Advanced Certification (Cloud Storage and Big Data); Huawei OWS developer certification