PERSONAL DETAILS

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SUMMARY

I am a Sydney-based data analyst with strong skills in SQL and Python, as well as analytical and predictive modelling. In addition, I have over five years professional experience in the logistics and supply chain industry.

SKILLS

MS Excel: VLOOKUP, Match + Index, Pivot table, Macro

Programming: Python, HTML & CSS

SQL: Table joining & merging, Sub-query, Common table expression, Stored procedures, Window function

Cloud Technologies: AWS S3, SNS, Rekognition, Translate & Comprehend

Data Analytic & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Tableau & Power BI

Statistics & machine learning: Hypothesis test, Regression & classification Algorithms, Scikit-learn

PROJECTS

Capstone Project for Data Science Bootcamp: Flight delay analysis with classification algorithms.

-- Used the commercial flight data in US, applied various classification algorithms to get the feature importance and found how data features impacted on flight delays.

-- Applied NLP techniques (TF/IDF model) to calculate the feature importance of airlines and airport codes and found insights of their impacts on flight delays.

-- Created a deployed web application to present exploratory data analysis functions using Streamlit.

Assignment for Data Science Bootcamp: Web scrapping & NLP analysis to data science job postings

-- Applied BeautifulSoup package to scrap the data science job details from the job seeking website.

-- Generated data frame, applied TF/IDF models and completed feature importance analysis.

KPMG Data Analytics Consulting Virtual Internship: Data quality assessment and marketing analysis

-- Used the customer and transaction datasets of a bikes & cycling accessories organisation.

-- Applied Pandas to clean the datasets and re-engineering the features.

-- Applied Pandas and Recency, Frequency and Monetary (RFM) model to explore data insights and identify most valuable customers.

-- Applied Tableau to create data visualisation dashboards.

EDUCATION

Data Science Immersive (full time bootcamp)	General Assembly	2020
Attainment in Data Management Skill Set	TAFE NSW	2018
Master of Business Information Systems	Monash University	2012
Bachelor of Business, Logistics & Supply Chain	RMIT University	2010

EMPLOYMENT HISTORY

Dec 16 – Apr 20   **Panalpina World Transport (AU & NZ) Pty Ltd (Sydney)**   **National Sales Support**

Responsibilities:

Generating quotes on international air/sea freights within rates frameworks and international freight terms.

Generating sales and performance reports as assigned by clients with Excel Formulas and Pivot Table.

Achievements:

Able to complete performance reports with SAP reporting and Excel after 1 training session by supervisor.

Understand international freight principles and internal pricing frameworks after self-learning

Apr 14 – May 16   **CNOOC Energy Logistics Co., Ltd (China)**   **Data & Project Support Officer**

Responsibilities:

Standardising review to data, corporation wide inventory and newly procured items.

Classifying all tangible equipment used and consumed during business operations.

Standarising data information of equipment for entering into the information systems.

Ensuring cleansed data complies with the standardisation framework.

Optimising the data quality and improving the efficiency of information systems.

Identifying data dimensions and download data with SQL languages from the project's database.

Processing data in Excel models, using "VLOOKUP" and providing progress monitoring and reports.

Providing telephone & online support to CNOOC stakeholders on data downloading & processing.

Conducting internal training on Excel skills for the project's colleagues.

Achievements:

Gained understanding of industrial project management and the concept of the data standardization

Learned SQL and Excel formula skills through work closely with consultants from the Accenture.

Completed all tasks within the time limit in the project schedule.

Aug 13 – Nov 13   **COMBO IT (Melbourne)**   **Project Assistant & Junior IT Analyst**

Responsibilities:

Providing daily monitoring and analysing for data backup of servers for clients around Victoria.

Receiving system alerts and logging as service tickets into service management system.

Assisting other technicians to identify problems, work with technicians from cloud-side service providers.

Assisting the company's office relocation project and other IT service tasks includingh system installation.

Learn how to use a data visualization software (iDashboard).

Achievements:

Have obtained understanding on the skill demands of IT service industry.

REFEREES

Details of professional referees available on request.