Harison Nagisvaran

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EDUCATION

Federation University, Master of Technology (Enterprise Systems and Business Analytics) 02/2023 – present
Expected graduation: Dec 2024 Mount Helen, Australia
GPA: 6.75/7.0

Nanyang Technological University, Bachelor of Science, Maritime Studies with Honours (Distinction) 2017 – 2021
GPA 4.12/5.0 Singapore

WORK HISTORY

The Salvation Army, Volunteer Data Analyst 07/2024 – present
Blackburn VIC, Australia
- Administer the tactical P2P data environment using the proscribed data management tools (Azure Data Factory & SQL), ensuring that reliable and timely data is available for P2P analysis and reporting
- In the capacity as the P2P data SME, collaborate with the TSA Data Management Office to ensure the P2P strategic data environment is performing as required; this will include issue identification and resolution
- Identify new data requirements, such as tactical data sets, and work with the Data Management Office on a schedule of work to bring these into TSA's strategic data environment.
- Perform analysis as required to support P2P related initiatives, using, as appropriate, Excel, PowerBi or Tableau

The Salvation Army, Volunteer Insights and Reports Asisstant 06/2024 – present
Undertake administrative functions Blackburn VIC, Australia
- Work closely with the Volunteer Resources team to understand data analysis and reporting requirements
- Develop dashboards and reports for key metrics and initiatives on a routine and ad-hoc basis.
- Assist in data extraction and analysis of volunteer surveys and support in compiling reports summarizing survey findings
- Track work tasks, status and completions in an appropriate manner
- Assisting the Volunteer Resources Team with other tasks on request or as identified as growth and learning opportunities.

Provide quality support services
- Maintain professionalism at all times, conducting oneself with integrity and respecting personal privacy and confidentiality.
- Work within the boundaries of delegated authority
- Follow process and carry out all tasks with a high degree of attention to detail
- Learn from examples and experiences to ensure improved work effectiveness
- Provide feedback on better ways of working and opportunities for improvement

Work within policy & procedure
- Reflect TSA mission, vision and values at all times following all policies, procedures and guidelines

Federation University, PASS Leader 02/2024 – present
Mount Helen, Australia
- Facilitate regularly scheduled online study sessions open to students taking Networking & Security using MS Teams
- Foster active and collaborative learning by utilising strategies learned in the PASS Leader training sessions.
- Cultivate relationships with students within study sessions, to promote connections between students and encourage group involvement.
- Cultivate relationships with lecturers, to better communicate lecturers' expectations for subjects to study groups.
- Create handouts and learning materials for use during sessions

Singhealth Polyclinic, Executive 12/2021 – 12/2022
Operations Management Singapore
- Overseeing the day to day running of the clinic
- Responsible for overall operational performance and standard of service provided by the admin staff

Registry and Records Management
- Attending to periodic culling of medical records
- Processing requests for medical reports of patients
- Oversing operations management of clinics scanned medical records management.

Public Relations Management
- Attending to enquiries and complaints relating to clinic operations
- Assisting in handling public relations such as providing information to staff and patients on the scheme of outpatient charges

Security Management
- Hold custody of clinic keys and attends to emergency alarm calls

Facilities Management
- Ensures regular preventive maintainence and repair of buildings, mechanical and electrical systems
- Submitting monthly status reports on Facilities Managementd

Finance and Accounts
- Taking charge of revenue collection of polyclinic, including prompt banking of money daily
- Checking and reconciing daily revenue statements and complies with regulations on proper revenue management

PROJECTS

Ballarat Bike Shop ⤢
Description: This dataset involve sales transactions for a fictious company for 2 years.
Skills: data cleaning, data analysis, descriptive statistics, data visualization.
Technology: SQL Server, PowerBI
Process:
Build a Database using SQL Server
Develop SQL queries
Connect Power BI to SQL Server

Build a Dashboard
Make Analysis Recommendations

Interstate 94 Westbound Traffic Analysis ⧉
Code: ⧉
Dataset: ⧉
Description: This dataset includes data on Hourly Interstate 94 Westbound traffic volume for MN DoT ATR station 301, roughly midway between Minneapolis and St Paul, MN. The project includes the following steps: data loading, data cleaning and preprocessing and visualization using Microsoft Excel.
Skills: data cleaning, data analysis, descriptive statistics, data visualization.
Technology: Python, Matplotlib
Results: I attempted to find a few indicators of heavy traffic on the I-94 Interstate highway namely time and weather indicators.

Vertical Institute Data Analytics Bootcamp ⧉
Dashboard ⧉ :
Slidedeck ⧉ :
Dataset: ⧉
Description: This is a financial dataset of S&P 500 companies historical prices with fundamental data. I wanted to design a dashboard for users to visualize candlesticks in Tableau to aid beginner investors in technical analysis.
Skills: data cleaning, data analysis, descriptive statistics, data visualization.
Technology: Tableau, Excel
Results: Created a Tableau dashboard mainly for studying of candlestick price action for the novice investor.

Northwind Traders ⧉
Queries: ⧉
Description: Northwind Traders are an international gourmet food distributor. Management is looking for insights to make strategic decisions in several aspects of the business.
Skills: PostgreSQL, pgAdmin4, Windows & CTE usage
Technology: PostgreSQL via pgAmin4 (Pivotables,variance and trend analysis tools,What-If Analysis tools,VLOOKUP())
Process: Using the PostgreSQL window functions on the Northwind database, I will provide essential insights to management, contributing significantly to the company's strategic decisions.

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate ⧉
Microsoft

Data Literacy
Datacamp

Junior Data Analyst
Dataquest

Microsoft Certified: Azure Data Fundamentals ⧉
Microsoft

LANGUAGES

- English
- Tamil

- Basic Mandarin speaking

SKILLS & SOFTWARE

- 73 WPM Typing
- Dashboard building
- Data Visualization: PowerBI, Tableau, Excel

- Programming: Python (Pandas,numpy,matplotlib), DAX, M language
- Database Management: SQLite/PostgreSQL/MSSQL
- Data Modelling : PowerBI, Power Pivot

REFERENCES

Available upon request