SIT720 – Task 1.3P

Student Name: Thomas Warren

ID: 223053304

Email: s223053304@deakin.edu.au

Grand Plan

Having spent a decade working as a civil engineer, I've embarked on a transformative journey to retrain as a data scientist. My plan for acquiring knowledge and skills in data science begins with foundational learning. I've enrolled in online courses and pursued formal education in data science, delving into statistics, machine learning, and programming languages like Python and R.

Building a robust foundation is paramount. I'm mastering the fundamentals of data analysis, data manipulation, and the underlying mathematics of machine learning algorithms. Practical experience is equally essential, and I'm actively engaged in real-world projects, focusing on developing efficient data pipelines for data collection, cleaning, and preprocessing.

Recognising that my software engineering skills are an area where I currently lack expertise, I'm eagerly looking forward to engaging with coursework to improve and grow in this crucial aspect of data science. This well-rounded approach will enable me to bridge the gap between my civil engineering background and the demands of the data science field.