Joel Tan
Data Analyst/ Data Scientist
Email | HP: 8882 5007 | LinkedIn | GitHub

"Data is a precious thing and will last longer
than the systems themselves." – Tim Berners-Lee
Having a strong sense of curiosity, always asking why
and having a desire to find out the truth has drawn
me to data analysis and data science.

Technical Skills
- SQL
- VBA
- Qlik Sense
- Excel
- Pivot Table
- Python
- Data Cleaning
- Pandas

Projects
- Ramen Rater A project using a dataset on instant noodles, doing extraction, cleaning, and finally applying different classifiers predicting what would make a noodle have a good rating.
- Mushrooms training a Decision Tree Classifier to predict if a type of mushroom is edible or poisonous.

Soft Skills
- Problem solving: During my time at Natixis I had to come up with way to automate certain processes and reports for my bosses as they were not tech-savy and had to focus more on finding clients
- Communication/ Team Player: At OCBC, on top of having a sales KPI, I had to support the branch by helping to service the walk-in retail customers by coordinating with the back end and counter staff with the different issues customers have.
- Critical Thinking: being a Financial Consultant requires me to constantly evaluate a customer's profile and financial situation to come up with the best bespoke solution for them
- Detail Oriented: In banking where we must deal with extremely sensitive and confidential information, being detail oriented has allowed me to navigate through without once getting a customer complain or issue

Work Experience
- Sales Analyst, Natixis Investment Managers: Feb 2021 – Nov 2021
- Financial Consultant, OCBC/ AIAFA: 2017 – 2020
- Business Development Executive (Direct Sales), UOB/SCB: 2013 – 2017

Education

Data Science Immersive Program
General Assembly
11/2021 - current

Bachelor in Business Studies
University College Dublin
02/2016 - 03/2018
Second Class Honours
Modules
- o Accounting information for Managers
- o Business Strategy
- o Project Management
- o Investment and Portfolio Management
- o Banking and Finance
- o International Financial Management

Advanced Diploma In Information Technology
MDIS
09/2009 - 08/2010
Modules
- o System Analysis
- o Systems and Database Design
- o Programming Principles
- o Fundamentals of Digital Media

Certificates

Excel Skills for Business Specialization by Macquarie University
11/2020-01/2021
Consisting of 4 courses: Basic, Intermediate I, Intermediate II and Advanced

Analytics for Non-Analytics Professionals
11/2020
By Accord Business Solutions Pte Ltd a two days workshop on Analytics

Business Analytics with Qlik Sense
11/2020
Basic course on using Qlik Sense by NTUC LearningHub

2020 Complete Python Bootcamp From Zero To Hero in Python
12/2020
Total of 21.5 hours online bootcamp on python at Udemy

Business Statistics and Analysis by Rice University
01/2021 - 04/2021
Total of 5 courses, covering: Data Analysis Using Excel, Stats Distributions, Hypothesis Testing, Linear Regression for Business Stats and a capstone project.

Data Analytics and Creating Interactive Dashboards using Python
18/09/2021 - 25/09/2021
Consisting of 5 modules: Pre-data analysis, data wrangling, performing exploratory data analysis, model development, and finally data visualization

Machine Learning and Advanced Analytics using Python
17/10/2021 - 24/10/2021
An intro to Machine Learning with scikit-learn, touch on: Unsupervised and Supervised Machine Learning

The Complete SQL Bootcamp 2022: Go from Zero to Hero
11/2020
9 hours online bootcamp on SQL from the fundamentals of using SQL to query a database, performing data analysis and creating tables

SCI: M5, M8A, M9, M9A, HI, BCP, CGI, PGI
12/2016 -01/2018
Insurance and investment papers required to be a license financial consultant