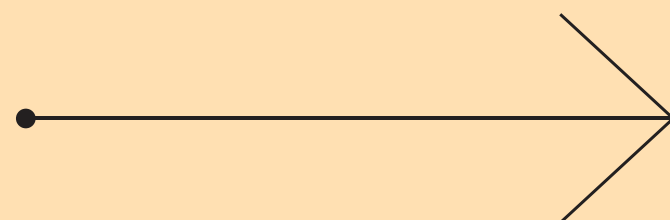


**BONIA LEUNG**



# An AI-generated study plan to become a Data Scientist

**CHECK OUT MY STUDY PLAN HERE**



*Prompts*

# What I asked ChatGPT

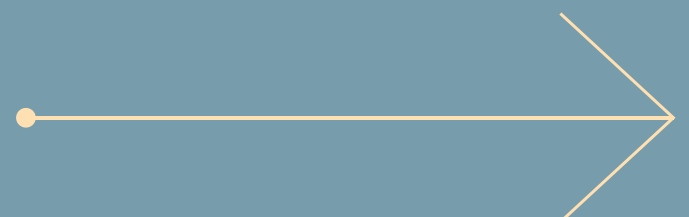
Goal: Create a study plan for me to become an employable Data Scientist in 4 months

Availability: 6 hours a day, 5 days a week

Prerequisites: Comfortable with Excel and have basic knowledge on C++ coding

Resources: Predominantly free online resources

Focus: Practical exercises



*Study Plan*

# This is what ChatGPT came up with

## Week 1 - 4: **Python, Data Analysis and Basic Statistics**

- Python Basics
- Using Jupyter Notebooks
- Working with data using Pandas
- Data visualisation using Matplotlib and Seaborn

## Week 5 - 8: **Statistics, Exploratory Data Analysis (EDA), SQL**

- Descriptive statistics
- Probability and Distributions
- Hypothesis Testing
- SQL and data cleaning



*Study Plan*

# This is what ChatGPT came up with (cont.)

## Week 9 - 12: **Machine Learning Basics**

- Supervised Learning (Regression & Classification)
- Unsupervised Learning (Clustering, Dimensionality Reduction)

## Week 13 - 16: **Advanced Data Science + Project**

- Intro to Deep Learning
- Capstone Project



*Resources*

# Resources suggested by AI

## Tutorials on YouTube

- FreeCodeCamp
- Corey Schafer
- Data School
- StatQuest with Josh Starmer

## Other Resources

- Kaggle
- Khan Academy
- Coursera
- Udemy (not free, but low cost)



*Review*

# It's not perfect...

## **The Good**

The plan itself is well structured and achievable. The topics covered are comparable to courses put out by prestigious universities and bootcamps.

## **The Bad**

Require high level of self-motivation. Have to rely on Google and ChatGPT to answer any questions. Some resources provided are old (8 - 9 years old) or expired.



What do you  
think about  
this study plan?

Let me know if I should add or remove  
anything from this study plan and any  
resources you can recommend.

