

1

Set the Goals

Define the output you want to create in a couple of sentences

The goal is to build a predictive model that accurately forecasts future sales based on historical data and relevant factors using regression analysis.This model will be used to inform business and optimize resource allocation.

Add the skills that you want to learn by the end of the menternship

1-Data cleaning and preprocessing for regression analysis.

Linear regression and multiple regression

2-Feature engineering and selection for model improvement.

4-Model inttterpretetion andd communication of results.

Add the key learnings you want

1-Understanding assumptions and limitations of regression models

2-Ethical consideration in using regression models

3-Model validation and cross-validation methods

2

Major Constraints

Add the constraints you face in working on the tasks mentioned in the menternship (for example: data cleaning, creating a content calendar)

1

2

3

Find resources on your own that can help you and add below

1

2

3

4

5

6

3

Add the schedule

Add the Schedule Below

Stage

Add the deadline by when you want to complete the corresponding steps

Tick when completed

Start of the Menternship

December 18, 2024

☒

Complete the Workplan and Submitted

January 03,2025

☒

Component 2

January 10,2025

☐

Component 3

January 17,2025

☐

Component 4

January 24,2025

☐

Component 5

January 31,2025

☐

Completed the Menternship

February 3,2025

☐

Recieved the Feedback over email

☐

Submitted the Final Draft

February 5,2025

☐

Add the Schedule for Mentor Sessions you want to attend

Stage

Date (Double click on the cell below and add a date)

Tick when completed

Mentor Session 1

☐

One on One Call (Book one when you have specific queries)

☐

Mentor Session 2

☐

Mentor Session 3

☐

One on One Call (Book one when you have specific queries)

☐

Mentor Session 4

☐

Do not alter

You need to fill