

# COMP 3125 Data Science Fundamentals

## Fall 2025

Topic of Individual Project  
Due at 11:59 pm on Sunday, Nov 2

Based on the introductions of individual projects, please decide the topic of your individual project. Fill in the following questions and submit the filled PDF version before the deadline.

**1. What's the topic? Add a short description here**

World Happiness Report Analysis, I want to take the yearly published data from the WHR (Oxford University) and analyse what variables lead to increased happiness & vice versa.

**2. If the dataset exists, what's the link of the dataset/datasets? If not, how will you create this dataset?**

WHR (Published Yearly): <https://www.worldhappiness.report/>

**3. What's the four questions to solve/answer to this topic?**

- a. What impact does GDP have on the general happiness level?
- b. Does the country's main industries meaningfully impact happiness?
- c. What is the impact of government style on Happiness?
- d. What (if any) is the impact of air quality on happiness?

**4. Among your questions, which one need quantitative analysis (Training a model) to get your answer. What model/method do you plan to use?**

Question A will require quantitative analysis for provincial and national GDP numbers against provincial and national happiness numbers. And this will need a linear regression model due to the nature of the data set.

**5. Are there any suggestions you want to provide for the instructor?**

Nothing!