1ST capstone project

SPEED DATING DATASET
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CAPSTONE PROJECT PROPOSAL

1. What is the problem you want to solve?

- Determine if the decision for a second date or a match is influenced by some perceived attributes and which attributes have more weight

2. Who is your client and why do they care about this problem? In other words, what will your client DO or DECIDE based on your analysis that they wouldn't have otherwise?

Online dating websites can use this analysis to recommend matching based on attributes (self and in others).

3. What data are you going to use for this? How will you acquire this data?

- Dataset from speed dating experiment

- https://www.kaggle.com/annavictoria/speed-dating-experiment/

- Information about each column is shown in 'Speed Dating Data Key.doc' file

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4. In brief, outline your approach to solving this problem (knowing that this might change later).

- Some points to explore:
  - Which attributes influence the decision for a second date or determine a match?
  - Is there a relation between how I rate myself and how others rate me?
  - Is there a relation between how I rate myself and a match?
  - Which attribute is more important to determine long term dating (after 3 months)?

5. What are your deliverables? Typically, this would include code, along with a paper and/or a slide deck.

- Code in Jupyter Notebook
- Slide deck to present the approach, analysis, conclusion