Scout Sujyot

Week 1 paper

1. What are the top 5 ideas you retained from the material read?

1. Data Science is very in-demand as we have the ability to gather a lot of data but we need intelligent ways to interpret and apply the data we gather.
2. There are a lot of commercial applications of data science and many companies we are already familiar with employ data scientists to help understand their customers and better tailor services and the marketing of these services to consumers.
3. Interestingly enough, it's not necessary to find cause for these systems. Correlations are enough for the purposes of data science.
4. Data Scientists are responsible for everything from acquiring data to interpreting it to presenting their results.
5. Systems of data science process a large amount of data and would not be successful if they were using smaller data sets.

2. What are your top 3 questions or areas of further exploration and curiosity?

1. I'm especially interested in how data scientists know where to begin looking at data. How do they know what might be promising and what might be noise?
2. Is it often better to ask new questions for more data or to try to find different interpretations? Are there indicators for what might be a better option to try?
3. I'm also interested in what other careers and opportunities might open up after studying data analysis. Are there skills that you might learn that could transfer easily to different jobs?