

Critical Thinking in 5 Steps

1

Define the problem to be solved

- Clearly define the problem
- Capture it in writing



2

Gather data

- Research and learn all you can about the issue
 - Pull data, observe what is happening, engage with people involved
 - Gather both quantitative and qualitative data
- Choose multiple sources with diverse points of view



3

Evaluate data and sources

- Are the sources reliable? (Consider motive, timing, background)
 - How do you know?
- Identify assumptions or bias
 - Source – what is their bias? How do you know?
 - Own – What is your own perspective or bias?
 - How will this impact your decision making?



4

Establish significance

Not all facts, data, information are equal

- What is the most important data?
 - Does it address the root cause or a symptom?
- What is the data based on?
 - Opinion or facts?
 - How large of a sample size?
- Are all opinions/arguments and data, relevant to what you are trying to solve?



5

Reach a conclusion

- What are possible conclusions?
 - Are they sufficiently supported?
- Weigh strengths and limitations of each conclusion
- Does it make sense?
- Can you find an example or situation where it does not work?



CAREER COMPASS

Steer Your Career. Accelerate Our Mission.