

Rigorously Define Your Research Problem

- Exploratory: what is the scope of exploration? What is the goal of exploration? Can you rigorously answer these questions?
- Descriptive: what does it look like? How does it work? Can you formally define a principle?
- Evaluative: can you clearly state the assumptions about data collection? Can you rigorously define measures?
- Explanatory: how can you rigorously verify a cause?
- Predictive: can you rigorously define what prediction is to be made?