1. Which area of Information Retrieval are you focusing on?

2. What problem do you want to solve?

3. Who cares about this problem and why?

4. What have others done to solve this problem and why is this inadequate?

5. What is your proposed solution to this problem?

6. How can you demonstrate that this is a good solution?

In particular, the objectives of this chapter can be decomposed into a number of questions:

Why do we need recommender systems; what problem do they address?

How are recommendations generated? This question explores collaborative filtering: what it is, how it works, and how different fields of research have led collaborative filtering to be categorized into memory- and model-based approaches.

How are recommender systems evaluated? In particular, what problems do these systems face, and how does research address these problems? Lastly,

What are the current future directions of recommender system research?