Relating Other Works  
What others tried  
What I tried  
How do things relate to my works  
What could I have tried that they tried

Intro 3 - 4 (3)  
Background 5+ (9)  
Describe the approach ~10 (10)  
Results & Discussion 5  
Related Works 6-7 (4)  
Summary Conclusions 2 (1)  
References (aim for 25 – 30 references)

From Chapter 1 to end should be 40 – 45 pages

Introduction and Motivation

Why I want to address   
Why I chose  
Why it’s useful

Background

Research goals and questions

How I want to do the research  
If these are the goals and the questions how do I plan to achieve the goals and answer the questions

Describe the technical background to the problem  
What it is  
Why

Describe  
What I did

Results

Related Works  
Describe papers that describe sports data  
Describe papers that use same technologies

Summary Conclusions

Future steps if more time and money  
How to improve  
How would I change anything