Data Science Notebook

PRINCIPLES OF DATA SCIENCE

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Prologue

There is content that I'm trying to learn in the pursuit of data science. This note book serves the following purposes:

1. Continuously analyze and synthesize new material as I'm brought into contact with it. Each chapter is a topic referenced in Zipfian's Data Science Primer [2].

2. Have a catalog of what I've studied up until entering into the boot camp.

3. Be honest with the quantity and quality of work I've produced.

Chapter 1

Machine Learning

1.1 Quotes

"models lend the machine learning field diversity, but tasks and features give it unity." [1, p. 13] Machine learning is all about using the proper algorithms to accomplish the desired tasks.

Chapter 2

Python

Chapter 3

SQL

Chapter 4

Probability

Chapter 5

Statistics

Chapter 6

Linear Algebra

Glossary

task An abstract representation of a problem we want to solve regarding the domain objects of import.. 3

Bibliography

[1] Peter Flach. *Machine Learning: The Art and Science of Algorithms that Make Sense of Data.* Cambridge University Press, 2012.

[2] zipfian. data-science-primer. `https://github.com/zipfian/data-science-primer`, 2015.