# Quant Interview Handbook

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# Contents

# Chapter 1

# Overview of Data Science and Machine Learning

# Chapter 2

# Probability Questions

## 2.1 Easy

1. Two coins, one is double tail, you see one

    * three pancakes: golden-golden, golden-brunt, brunt-brunt, see one golden, probability that the other side is golden two

    *

2. Two coins - one toss n+1, one toss n, probability that n+1 gets more tail than n man?

## 2.2 Medium

1. Use coins to create probabilities : fair coin to create 1/3 probability - toss twice, one result is retoss unfair coin to create 1/3 probability - combine two toss as one

## 2.3 Hard

# Chapter 3

## 3.1   A Subheading

The following sectioning commands are available:

    part
    chapter
    section
    subsection
    subsubsection
    paragraph
    subparagraph

But note that—unlike the `book` and `report` classes—the `article` class does not have a "chapter" command.