DATA SCIENCE
COURSE OVERVIEW

I. MEET YOUR INSTRUCTOR AND TA

II. WHAT YOU'LL LEARN

III. WHAT YOU WON'T LEARN

IV. WHAT ARE MY EXPECTATIONS FOR YOU?

V. WHAT ARE YOUR EXPECTATIONS FOR ME AND HARI?

VI. HOW YOU WILL LEARN IN THIS CLASS

VII. IMPORTANT LOGISTICS

VIII. FAQS / ADDITIONAL QUESTIONS

BRYAN BALIN
DATA SCIENTIST, SMARTER TRAVEL

HARISH KRISHNAMURTHY
SOFTWARE ENGINEER, WAYFAIR

1. Essential Technologies

2. Exploring, Cleaning, and Preparing Data

3. Running Predictive Models

4. Evaluating Model Success

5. Approaching and Answering Data Science Questions

6. How to Build End-To-End Data Science Systems

- Mathematical Equations (for the most part)

- Software Engineering

- Making Your Own Custom Machine Learners

- R and Microsoft Excel

- How to Get a Job in Data Science

1. Comfort with Python and the Command Line

2. Ability to Keep up with the Course Material and Homework

3. Comfort with 'Drinking From the Fire Hydrant'

4. Persistence, Confidence, Decisiveness, and Patience

5. Desire to Ask Questions, Speak Up, and Be Heard

6. Ability to Suspend Disbelief

1. Teach (and Speak) Clearly and Concisely

2. Always Get to the Bottom Line

3. Show Our Work

4. Seek an Optimal Pace

5. Encourage Participation and Communication

6. Admit and Resolve Gaps or Mistakes

- Lecture, Lecture, Lecture!

- Code Walkthroughs

- Code Exercises

- Discussion of Homework and Readings

- Project Work

- Bathrooms

- Parking

- Start and end Time (7-10pm)

- Missing Class

- Slack Instead of E-mail

- GitHub for Course Content and Homework

    - https://github.com/bbalin12/DAT5_BOS

- Office hours

QUESTIONS?