

Intro to Data Science

Inferential Statistics and Hypothesis Testing

Lab 1

1	RANDOM SAMPLING	1
2	POINT ESTIMATION	1
3	SAMPLING DISTRIBUTION	1
4	INTERVAL ESTIMATION.....	1
5	ESTIMATION USE CASES	2
6	USING THE T AND NORM STATISTICAL FUNCTIONS	2
7	HYPOTHESIS TESTING USE CASES.....	2

1 Random Sampling

File to use: Sampling and Estimation - Population

2 Point estimation

File to use: Sampling and Estimation - Selected Sample

3 Sampling distribution

File to use: Sampling and Estimation - Sampling distribution

4 Interval estimation

File to use: Sampling and Estimation - Interval Estimation

5 Estimation use cases

File to use: Estimation use cases - Laptop company

6 Using the T and NORM statistical functions

File to use: Statistical Formulas for Hypothesis Testing

7 Hypothesis testing use cases

File to use: Hypothesis testing cases