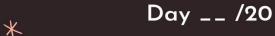# DATA SCIENCE EAST AFRICA

PRACTICE QUESTIONS

Day __ /20

1). What is Data Science? List the differences between supervised and unsupervised learning.

2). What is Selection Bias?

3). What is bias-variance trade-off?

4). What is a confusion matrix?

5). What is the difference between "long" and "wide" format data?

6). What is the difference between Point Estimates and Confidence Interval?

7). What is the goal of A/B Testing?

8). What is p-value?

9). What are the differences between over-fitting and under-fitting?

10). How to combat Overfitting and Underfitting?

11). What Is the Law of Large Numbers?

12). What Are Confounding Variables?

13). What is text analytic?

14). Python or R — Which one would you prefer for text analytics?

15). How does data cleaning plays a vital role in the analysis?

Resources :

1).Data Science Lifecycle

https://www.educba.com/data-science-lifecycle/

2).Data Science Interview questions

https://www.simplilearn.com/tutorials/data-science-tutorial/data-science-interview-questions