Descriptive Statistics

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Preface

1 Tutorial 1

1.1 Exercise 1.1: For each of the following statements, indicate whether it is Write or Wrong. If the statement is Wrong, briefly explain the reason.

1.1.1 With no data, there is no statistics.

1.1.2 Statistics is only about calculating averages and percentages.

1.1.3 You can make informed decisions without analyzing data.

1.1.4 If data is poorly collected, statistical results can be misleading.

1.1.5 Statistics is the science of making sense of data.

1.1.6 Statistics can be done without interpreting the results.

1.1.7 Data must always be organized before it can be analyzed statistically.

1.1.8 Without proper presentation of results, statistical findings can be misunderstood.

1.2 Exercise 2: Provide examples of research projects that use (a) only structured data, (b) only unstructured data, and (c) a combination of both.