# CORELIA – DS Lab 2

Please, Find the differences between:

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| Any collect for data or information without a specific order, Random Data | Sample Data  a statistical analysis technique used to select, process, and analyze a representative subset of a population. |
| Descriptive  used to describe the main features of an entire set of data collected in a study. | Inferential Data  are used to draw conclusions and make predictions about an entire population based on the data from a representative sampl |
| Qualitative  Analysis summarizing, categorizing  Expressed in word  Characterized in understand ,context  (Ordinal, Nominal) | Quantitative  Analysis math and statistic  Expressed in graph ,tables ,number  Characterized in testing ,measurement  (interval, ratio) |
| Parameter  A parameter is a number describing a whole population | Statistic  is a smaller group taken from the population. The sample is the group of elements that you will actually collect data from. |
| Ordinal  You can categorize and rank  data in an order, but you cannot say anything about the intervals between the rankings. | Nominal  our can categorize data by labelling them in mutually exclusive groups, but there is no order between the categories |
| Continuous  is data that falls in a constant sequence.  Weight | Discrete  is a count that involves integers — only a limited number of values is possible. This type of data cannot be subdivided into different parts.  Number of students |

Resources:

*Aubrie Holman: https://www.youtube.com/watch?v=hxLUdXsvbMY*

*Stat Quest: https://www.youtube.com/@statquest*