**Data Science**

**Codecademy**

**Data Acquisition**

**SQL**

**Relational Databases for Data Science/Analysis**

**Introduction**

One of the most important question to address especially when acquiring data for data science and analysis is, where will all the data be stored? Data storage is such an integral part of data acquisition because the way that we store data will influence how we interact with it throughout its application.

We should make sure to understand the type of data we are working with when acquiring data. Data can be structured, semi-structured, or unstructured.

Unstructured data is data that has no defined organization or data model. It can be photos, posts, videos, PDF files, or word documents that can contain a wide range of dimensions and types.

Semi-structured data has more organization than unstructured data, an example being XML data which is stored in only plain text format.

**Structured Data**