The Importance of Data
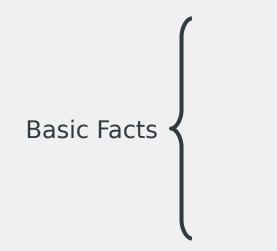
What is data?

Data is a fact or statistic which can be operated on to derive meaningful information. It is a raw fact.

Basic Facts {

Data exists everywhere. But without some means to store it, we can't process it in order to derive meaningful

The Importance of Data

Why is data important?

* Data is important because every decision made within an organization is based on data.

* When assigning resources to a website, ESPN for example, needs to know the browsing habits of their visitors.

* "Do we need to bolster our video production staff? Let's analyze the data!"

Advanced Facts

The Importance of Data

Data is everywhere...

❖ Data has become ubiquitous...it's everywhere.

❖ All modern businesses drive decisions based primarily on data.

❖ The amount of data is increasing exponentially and we need a flexible, reliable, and secure way to organize it.

❖ Additionally, solutions for accessing and analyzing that data in an easy and flexible way are required.

❖ This is where databases and Python come in to play!