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Database Systems

Data vs Information

The Pokemon Trading Card Game (TCG) database holds tons of data pertaining to each and every single card ever produced. This data includes information about the card's name, typing, abilities, HP, and rarity.

Contrasting between data and information, an integer value of "120" would mean nothing to you without context. However, within the context of a Pokemon card's information such as "HP: 120", the number 120 is given meaning. This is why data is practically meaningless without context and organization.

The value of information is evident when examining the typing of a card. While the database may only show "fire", the data is truly given a meaning when put into the information structure as "Type: Fire". This context is extremely important for the gameplay and organization of the Pokemon TCG.

In the end, the Pokemon TCG Database is greatly valued as it is able to transform raw data into real information. This information is crucial for players seeking an advantage and cultivating a better experience for all.