

kokchun giang

a short background into what a **database** is and different types of databases

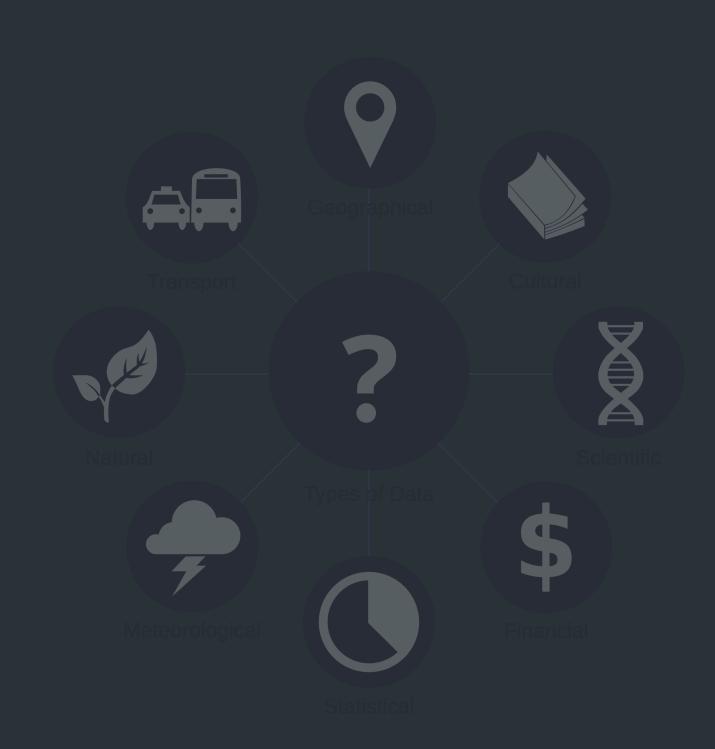
before going to database, we need to know what data is



"data are a collection of discrete or continuous values that convey information, describing the quantity, quality, fact, statistics, other basic units of meaning, or simply sequences of symbols that may be further interpreted formally."

from wikipedia

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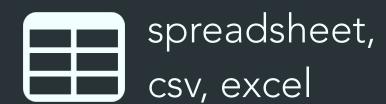
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data can be categorized based on structure

structured data

organized in defined schema





semi-structured data

partially organized data that doesn't fit in relational tables

json data

unstructured data

lacks predefined structure making difficult to process

