

## Semantics:

Semantics is the **study of meaning** in language and other communication systems. It involves the analysis of how words, phrases, and sentences convey meaning, as well as the relationships between different meanings and the ways in which they are constructed. Semantics is concerned with both the literal meaning of words and the implied meaning that can be inferred from context and cultural knowledge.

In linguistics, **semantics is often contrasted with syntax, which is the study of the structure of language.** While syntax is concerned with the rules governing how words are combined to form sentences, semantics is concerned with the meaning that results from these combinations.

Semantics is also important in other fields, such as philosophy, psychology, and computer science. In philosophy, semantics is concerned with the nature of meaning and truth, and the relationship between language and the world. In psychology, semantics is studied in relation to how people process and understand language. In computer science, semantics is important in the development of natural language processing systems and other forms of artificial intelligence.