

LI LIU B00639704
INFO6540 Data Management
Assignment 2
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Ontology is about the American television series – The Big Bang Theory(TBBT).

The whole ontology divided into seven classes, which are introduction, characters, casts, production, themes, seasons and awards respectively.

- **Introduction:** The necessary information about TBBT.
- **Characters:** The five leading roles in TBBT with comments of their background.
- **Casts:** The actors and actress who play the five leading roles in TBBT. The detail information in the Annotations.
- **Production:** The brief information about 'Theme song' and 'Actors' salaries.'
- **Themes:** Four favorite topics about TBBT. There is the relationship between Leonard and Penny; the element of science; science fiction media, and 'Soft kitty.'
- **Seasons:** The information about ten seasons, which including how many episodes, the first aired and last aired, and how many viewers in millions.
- **Awards:** list three main awards which have won by TBBT or individual actor.

Object properties (26)

There are 26 object properties have been used. They divided according to class. For example, Penny is the female role in TBBT, 'isTheFemaleRoleIn' is the object properties. It also has inverse properties, which is 'hasCharacterNamed.'

Then I added comments and definition as the domain of each class to explain the contents.