Q&A System Research

TensorFlow for Solving Multi-level QA
- TransR model (Graph embedding using triplets)
- Eg: USA + Neighbors + Capital => Mexico City, Ottawa, ..., ....

Techniques used to improve the model
- Hard Negative Sample Selection
- Multi-step Normalization
- Negative Sampling

Appealing points
- Obama + Spouse + Spouse => Obama! (Cyclic relation)
- Model is able to LEARN the type of property!

Future Work
- Improve the prediction for non-existing triplets
- Train the model for large data.