AY: 2023-24

Date: 01/04/2024

Subject: Natural Language Processing (20PEIT 601B)

Pedagogy type: Collaborative learning

Students were asked to study recent trends in the subject NLP and prepare video presentations. Also, they need to prepare a short note on the topic. Then this study material will be shared amongst their students to update their knowledge and help them to prepare for exams.

Snapshot of presentations:

TYPES OF INFORMATION EXTRACTION AND NATURAL LANGUAGE PROCESSING   5

Before extracting information from PDFs, emails, or other textual sources, NLP systems must preprocess them via tokenization and part-of-speech tagging.

3.Coreference Resolution

Coreference resolution is a linguistic approach to identifying all occurrences of the same entity in different textual expressions. Once identified, the NLP system replaces all mentions and pronouns of the entity with nouns.

4.Relationship Extraction

Relationship extraction allows NLP programs to understand how entities relate to each other in the text. It analyzes the text structure to determine the contextual and semantic relationship between multiple entities.

Instructions   Student work

Unit 6: Recent Trends in NLP

Dr. Dipti Patil • Apr 1

10 points   Due Apr 19

PFA the presentation topics you need to prepare upon. Also prepare a short note on it which you will be sharing among yourself and uploading in this assignment. Students having same topic have to prepare the presentation in group. You can prepare presentation in explanation.. no need of your photo or video in it just voice of explanation. Also those having topic of role of machine learning or deep learning can take various examples to explain it.

> 20 PEIT 601B NLP presentati...
> Google Sheets

Impact Analysis:

Students did self-study. Explore new trends of course NLP. They shared the knowledge among their peers. They learned to prepare video presentations and present the new topic.

Feedback of Students:

Students enjoyed learning recent technology and gained knowledge. They have spirit of collaborative learning. Students were satisfied with the pedagogy as they also could prepare topic notes for preparing the exam.

Action Taken thereof:

Students were encouraged to explore new examples as case study aligned to recent trends.