ESTUDIOS DE EXTENSIÓN UNIVERSITARIA

INTRODUCTION TO LANGUAGE TEHCNOLOGY APPLICATIONS (ILTTP) (6ª ED.)

INFORMACIÓN GENERAL

CURSO ACADÉMICO: 2023-2024
ÁREA: Enseñanzas Técnicas
CRÉDITOS: 3,00 créditos ECTS (*)
PRECIO DE MATRÍCULA: 180,00 € (Seguro: 4 €, a consultar)
DIRECCIÓN ACADÉMICA: Rodrigo Agerri Gascón

PRESENTACIÓN

Language Technology is increasingly present in many of the applications we use in our everyday activities (Google Home, Amazon Alexa, Siri, Google Translate, Grammar checkers, Google search engine, ChatGPT…) and the need of experts that can develop applications based on Language Technology is an ever growing demand both in the industry and academia. This course will introduce the most commonly used techniques to build applications based on Language Technology. Thus, the attendees will learn how to apply techniques such as document classification, sequence labeling, as well as vector-based word representations (embeddings) and pretrained language models for core applications such as Opinion Mining, Named Entity Recognition, Fake News Detection or Question Answering. The course will have a practical focus (laboratories and practical tasks) learning to use readily available LT toolkits (Spacy, Flair, HuggingFace Transformers) based on machine and deep learning in a multilingual and multi-domain setting. The aim is to allow attendees to acquire the required autonomy to solve practical problems by applying and developing Language Technology applications. The course will be taught in English.

TE BUSCAMOS A TI

This course is targeted to graduate students and professionals from a range of disciplines (linguistics, journalism, computer science, sociology, etc.) that need an applied introduction to Language Technology. This involves identifying the required linguistic resources, appropriate tools/libraries and techniques with the aim of acquiring the required autonomy to solve practical problems by applying and developing applications based on Language Technology in different and creative ways.

SALIDAS PROFESIONALES

Language Technology is nowadays a basic skill for many professional jobs in a range number of discplines, related, but not only, with technological positions. These include professionals from a range of disciplines (linguistics, journalism, computer science, sociology, etc.) that need an applied introduction to Language Technology. It can also help as an introductory course before a full official master programme.

REQUISITOS

For the practical content (coding exercises) some experience in python programming is recommended. Previous attendance to the Deep Learning for Natural Language Processing course is might be useful although not required.

IMPARTICIÓN

FECHAS DE IMPARTICIÓN: 31/01/2024 – 28/02/2024
LUGAR DE IMPARTICIÓN: Híbrido
IDIOMA DE IMPARTICIÓN: Inglés

INFORMACIÓN / INSCRIPCIÓN

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(*) 1 Crédito ECTS equivale a 25 horas