

Using Large Language Models for Complex Information Extraction and Classification Tasks in Economics and Statistics

Tuesday, 31 August 2023, 11:00am to 12:30pm EAT
Concept Note

Background

In an era defined by data-driven decisions, the need for sophisticated tools and methodologies that can analyze and make sense of vast amounts of information has never been more pressing. The proliferation of digital content, research articles, reports, and other forms of textual data demands intelligent systems that can understand, categorize, and extract valuable insights. One such powerful tool that has emerged at the forefront is the Large Language Models (LLMs) family.

LLMs, as cutting-edge linguistic models, offer an innovative approach to tackling the intricacies of extracting structured information from large and varied textual corpora. By leveraging their large corpuses of preexisting linguistic patterns, LLMs excel in deciphering textual intricacies, thereby enabling them to classify, summarize, and even generate human-like text. They have therefore become instrumental in the contemporary information landscape, serving as indispensable assets for enterprises, scholars, and researchers alike. Their remarkable capacity to discern latent patterns and generate coherent narratives has redefined the boundaries of automated information processing. In the era of data-driven progress, these models stand as formidable tools making possible informed decision-making amidst the information deluge.

Objective

The ACS is convening the monthly webinar series – **StatsTalk-Africa** – to provide a space for a dialogue about data, statistics, and innovative tools with data experts and users. Specifically, StatsTalk-Africa aims to:

1. Serve as a knowledge-sharing and exchange platform.
2. Demystify and promote greater understanding of key statistical concepts and alternative data sources that could be harnessed in the African context.

This webinar aims to introduce and demystify the use of LLMs in complex information extraction and classification tasks specific to the domains of economics and statistics.

Date and Time

The Webinar is scheduled for Thursday, 31 August 2023, from 11:00 to 12:30pm EAT.

Language

English will be the official form of communication for this webinar series.

Registration link

Microsoft Teams meeting

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