

nlp_2

Read up on any innovative technology using NLP (by companies such as Google or IBM, for instance) and write a brief summary about the technology, what it achieves/does, and an overview of how it works (250 - 500 words).

One innovative technology that utilises NLP is IBM Watson Discovery. IBM Watson Discovery is an AI-powered search and content analysis engine that is able to analyse large volumes of unstructured data, such as documents, images, audio and video, to extract insights and enable data-driven decision making. The technology can be used in a variety of industries, such as healthcare, finance, and retail, to help organisations better understand their data and make more informed business decisions.

One of the key features of IBM Watson Discovery is its ability to perform advanced natural language processing tasks. For example, the technology is able to identify entities, concepts, sentiment, and relationships within text data. This means that users can easily search for and extract specific pieces of information from large volumes of unstructured data, such as customer feedback, news articles, or medical records.

Another key feature of IBM Watson Discovery is its ability to provide personalised recommendations based on user preferences and behaviour. The technology is able to learn from user interactions and feedback, and can use this information to provide more relevant and personalised recommendations over time. This can be particularly useful in industries such as retail and e-commerce, where personalised recommendations can help to improve customer engagement and drive sales.

To use IBM Watson Discovery, users simply need to upload their data into the platform, either via an API or through the Watson Discovery user interface. The platform then uses machine learning algorithms to analyse the data and extract insights, which can be viewed and analysed within the user interface. Users can also create custom models and classifiers to help the platform better understand their specific data and business needs.

Overall, IBM Watson Discovery is a powerful NLP-powered technology that enables organisations to better understand their data and make more informed business decisions. Its advanced NLP capabilities and personalised recommendations make it a particularly valuable tool for industries such as healthcare, finance, and retail, where large volumes of unstructured data need to be analysed and understood in order to drive business success.