

IBM WATSON

Watson Discovery:

- ★ Watson Discovery is an intelligent search and text analytics platform from IBM. It enables enterprises to quickly and accurately find and unlock insights hidden in documents and other structured and semi-structured information.
- ★ With IBM Watson Discovery, you can boost the productivity of knowledge workers by automating the discovery of information and insights with advanced Natural Language Processing and Understanding. That means faster business results, satisfied customers and happier employees.

Benefits:

- ★ Accelerated decisions and processes in which an insurance client reduced the time spent reading and analysing text data by 90%.
- ★ Generate revenue in which a law firm gained 4X better productivity and earned 30% more revenue.
- ★ Reduce costs in which an oil and gas company reached over USD 10 million in savings.

- ★ It understands your document structure using Smart Document Understanding (SDU) which is a visual machine learning tool that enables users to label text so that the tool builds an understanding of critical components inside your enterprise documents, such as headers, tables and more.
 - ★ With Watson Discovery, you move beyond keyword search to navigate confidently through your documents using faceted search to find the relevant information needed.
 - ★ It is used in cases like insurance, financial markets and legal research.
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Watson Studio:

- ★ Watson Studio provides a collaborative platform for data scientists to build, train, and deploy machine learning models. It supports a wide range of data sources enabling teams to streamline their workflows. With advanced features like automated machine learning and model monitoring, Watson Studio users can manage their models throughout the development and deployment lifecycle.
- ★ As a key offering of IBM Cloud Pak for Data, a unified data and AI platform, Watson Studio integrates seamlessly with data management services, data privacy and security capabilities, AI application tooling, open source frameworks, and a robust technology ecosystem. It unites teams and empowers businesses to build the modern information architecture that AI requires and infuse it across the organisation.

- ★ It has many features like AutoAI, text analytics, drag-and-drop, broad data access and sophisticated graphics engine.

Benefits:

- ★ **Optimise AI and cloud economics-** Puts multicloud AI to work for business. Use flexible consumption models. Build and deploy AI anywhere.
 - ★ **Predict outcomes and prescribe actions-** Optimise schedules, plans and resource allocations using predictions. Simplify optimization modelling with a natural language interface.
 - ★ **Synchronise apps and AI-** Unite and cross-train developers and data scientists. Push models through REST API across any cloud. Save time and cost managing disparate tools.
 - ★ **Unify tools and increase productivity for ModelOps-** Operationalize enterprise AI across clouds. Govern and secure data science projects at scale.
 - ★ **Deliver explainable AI-** Reduce model monitoring efforts by 35% to 50%. Increase model accuracy by 15% to 30%. Increase net profits on a data and AI platform.
 - ★ **Manage risks and regulatory compliance-** Protect against exposure and regulatory penalties. Simplify AI model risk management through automated validation.
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watson speech to text:

- ★ IBM Watson Speech to Text is a cloud-based speech recognition and transcription solution for agent assistance, speech analytics, and customer self-service, which provides features such as word filtering, model training, fine-tuning features, low latency transcription, audio diagnostics, and pre-trained speech models.
- ★ Using IBM Watson Speech to Text's fine-tuning features, users can benefit from improved accuracy for extracting phrases, words, numbers, lists, or letters. The filtering capabilities within IBM Watson Speech to Text also facilitate keyword spotting and profanity filtering.

Benefits:

- ★ More accurate AI- The best-in-class AI, embedded within Watson Speech to Text, truly understands the customers.
 - ★ Customizable for business- Train Watson Speech to Text on the unique domain language and specific audio characteristics.
 - ★ Protects data- Enjoy the security of IBM's world-class data governance practices.
 - ★ Truly runs anywhere- Built to support global languages and deployable on any cloud- public, private, hybrid, multicloud, or on-premises.
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Watson Natural Language Understanding:

- ★ IBM Watson Natural Language Understanding uses deep learning to extract meaning and metadata from unstructured text data. Get underneath your data using text analytics to extract categories,

classification, entities, keywords, sentiment, emotion, relations and syntax.

- ★ Natural Language Understanding is a best-of-breed text analytics service that can be integrated into an existing data pipeline that supports 13 languages depending on the feature.

Benefits:

- ★ **Cost savings-** USD 6.13 million in benefits over three years.
- ★ **ROI (Return on investment)-** ROI 383% over three years.
- ★ **Save time-** 50% reduction in time spent on information-gathering tasks.
- ★ **Revenue-** 5% annual increase in revenue.