**Database Descriptions**

**Dbpedia**: When asking different chatbots ”*What is DBpedia database? Limit the answer to 60 words*”

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| **Chatbot** | **Database Descriptions** |
| ChatGPT | DBpedia is a structured database extracted from Wikipedia, containing structured information about topics covered in the encyclopedia. It transforms unstructured Wikipedia content into a machine-readable format, enabling easier access and utilisation of Wikipedia’s knowledge. DBpedia organises information into RDF triples, making it useful for semantic web applications and knowledge graphs. |
| Gemini | DBpedia is essentially a giant knowledge base built from Wikipedia. It extracts information from Wikipedia articles and organises it in a structured format, making it easily searchable and usable by machines. Imagine turning the vast knowledge in Wikipedia into a database that computers can understand. This allows you to ask complex questions about things mentioned on Wikipedia, like finding cities in a specific state or artists from a particular era. |
| Copilot | DBpedia is a community-driven project that extracts structured content from various Wikipedia projects, including Wikipedia. It creates an open knowledge graph (OKG) available on the web, allowing users to semantically query relationships and properties of Wikipedia resources. DBpedia is a valuable resource for researchers, industry professionals, and anyone interested in linked open data |
| Chatsonic | DBpedia extracts structured content from Wikipedia and makes it available on the web. It provides a large, multilingual knowledge base with information about notable people, places, organisations, and things. DBpedia allows users to query this information and explore the relationships between different entities. It’s a valuable resource for data integration, knowledge exploration, and semantic querying. |
| Youchat | DBpedia is a large-scale, multilingual knowledge base extracted from Wikipedia, aiming to provide structured content from the information created in the Wikipedia project. It allows users to find answers to questions where the information is spread across multiple Wikipedia articles. The structured information is made available on the web as Linked Open Data, adhering to Linked Data principles. |

**DrugBank**: When asking different chatbots ”*What is Drugbank database? Limit the answer*

*to 60 words*”

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| **Chatbot** | **Database Descriptions** |
| ChatGPT | DrugBank is a comprehensive, freely accessible database containing information on drugs, targets, and interactions. It provides chemical structures, pharmacological actions, and mechanisms of action for drugs. Researchers and healthcare professionals use DrugBank for drug discovery, pharmacology research and clinical applications as it provides drug properties and interactions. |
| Gemini | Drugbank is a free online library related to drugs and their targets. It is a giant encyclopedia specifically for drugs that provides detailed information on chemical structure, how drugs interact with the body, and even links to ongoing research. This comprehensive resource is used by researchers, doctors, and even the general public to understand how medications work and their potential effects. |
| Copilot | DrugBank is a biomedical knowledgebase that provides structured drug data for research, discovery, and software. It contains information on over 500,000 drugs and drug products, making it a valuable for researchers and industry professionals interested in linked open data. DrugBank’s technology seeks out relevant evidence, builds deep connections, and delivers usable, trustworthy drug knowledge |
| Chatsonic | DrugBank is a comprehensive resource that combines drug data with target information and contains extensive information about drugs, their mechanisms, interactions and targets. It is widely used by the pharmaceutical industry, medicinal chemists and researchers for drug discovery and development. It is a valuable tool for understanding the properties and effects of various pharmaceutical compounds. |
| Youchat | DrugBank is a comprehensive, freely accessible online database containing information on drugs and targets. It combines detailed drug data, including chemical, pharmacological, and pharmaceutical information, with target information, such as sequence, structure, and pathway details. DrugBank is  widely used by the drug industry, medicinal chemists, pharmacists, physicians, students and the public |

**Kegg**: When asking different chatbots ”*What is KEGG database? Limit the answer to 60 words*”

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| **Chatbot** | **Database Descriptions** |
| ChatGPT | The KEGG database is a resource for understanding biological pathways, genomes, diseases, drugs and chemical substances. It offers curated data on molecular interactions and functions, aiding research in bioinformatics, systems biology and drug discovery. KEGG’s pathway maps and analysis tools facilitate the exploration of complex biological processes and their relationships. |
| Gemini | KEGG, short for Kyoto Encyclopedia of Genes and Genomes, is a database powerhouse for understanding biological systems. Launched in 1995, it offers a wealth of information on genes, proteins, pathways, and diseases. Imagine KEGG as a central hub connecting the dots between genes, their functions, and how they work together in cellular processes. This knowledge base is a valuable tool for researchers in areas like genomics, drug development, and understanding the intricate workings of living organisms. |
| Copilot | KEGG is a comprehensive biological knowledgebase that provides valuable insights into the molecular interactions, pathways, diseases, drugs, and chemical substances. Researchers and educators utilise KEGG for bioinformatics studies, including genomics, metagenomics, and metabolomics. It encompasses data analysis, modeling, and simulation across various omics fields |
| Chatsonic | KEGG is a comprehensive database that integrates genomic, chemical, and systemic functional information. It offers a wide array of data related to biological pathways, diseases, drugs, and chemical substances. KEGG is widely utilised in bioinformatics and computational biology for studying molecular interactions and cellular processes. It provides valuable insights into the relationships between genes,  proteins, and biochemical pathways. |
| Youchat | KEGG is a database resource for understanding high-level functions and utilities of the biological system, such as the cell, the organism, and the biosphere, from genomic and molecular-level information. It provides a computer model of the biological system, integrating molecular building blocks of genes and proteins, chemical substances, and molecular wiring diagrams of interaction and reaction networks. KEGG also offers a REST-style Application Programming Interface for accessing its database resources. |