Assignment no #   
Course: Intro to Artificial intelligence

Task: Research on Mycin and Dendral

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Research about Mycin and Dendral

Two groundbreaking expert systems created in the area of artificial intelligence are Mycin and Dendral.

Mycin:

At Stanford University, Edward Shortliffe created mycin in the late 1970s. Mycin was created to identify infectious diseases and provide possible treatments depending on the patient's symptoms. The first expert system that was thoroughly examined and tested in a genuine clinical environment was Mycin. Mycin employed an inference engine to make decisions about symptoms and diagnoses and a rule-based method to describe medical knowledge.

Dendral:

Dendral was created in the 1960s and 1970s at Stanford University by Joshua Lederberg and his associates. Dendral was created to use mass spectrometry data to determine the molecular structure of organic substances. The first expert system utilised was Dendral.