Postlab

Application of expert systems

1) Medical Diagnosis - Expert systems are used in healthcare for diagnosing diseases. recommending treatments, and interpreting medical images

2) financial Services - They assist in protfolio management, risk assessment, fraud detection, and investment advices.

3) customer support. Expert systems provide automated responses to customer inquiries, troubleshooting guidance, and product recommendations.

4) Industrial Automation: They control manufacturing processes, predict equipment failure, and optimize production schedule

5) Education and Traning: Expert systems are used in e-learning platforms for personalized tutoring, course recommendation

6) Natural language Processing: They support language translation speech recognition, and text analysis applications.

7) Agriculture: Expert systems aid in crop management, pest control, soil analysis, and irrigation scheduling.

8) Quality control: They help in monitoring product quality identifying defect, and maintaing manufacuring standards.