Exp. 9

Postlab

Application of expert systems

1. Medical Diagnosis - Expert systems are used in health care for diagnosing disease recommending, treatments and interpreting medical images.

2. Financial services - They assist in prot portfolio management risk assessment, fraud detection, and investment advices

3. Customer support - Expert systems provide automated responses to customer inquiries, trouble shooting guidance, and product reccommendations.

4. Industrial Automation - They control manufacturing processes, predict equipment failure, and optimize production schedule.

5. Educational and training - 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 manifacuring standards.