

CA-Network ASSIGNMENT

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Real world application of Parallel Computing: Weather Forecasting Systems

Parallel Computing Use

- Speed up image reconstruction and analysis by processing multiple image slices simultaneously.
- Uses multiple processors/cores for faster diagnosis.

Network System Use

- Connect diagnostic machines with hospital server and doctor.
- Enables real-time sharing of reports images and remote consultations.

Importance

- Ensures quick, accurate and life-saving diagnosis.
- provides faster access to patient data and AI based analysis.