

Real world application of Parallel computing: weather forecasting systems

→ parallel computing use:

- speedup image reconstruction and analysis by processing multiple image slices simultaneously.
- Uses multiple processors or cores for faster diagnosis.

→ Networks 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 for patient data and AI fast based analysis.

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