

In hospital database

volume - collection of hospital database

velocity - patient records, doctor records

variety - Structured data - pharmacy

Unstructured - Tests

Variety - accuracy & quality

value - research [Raw data into insights]

Hospital Database

Volume	Velocity	Variety	Variety	Value
[collection of hospital database]	[Store patient result & test result where it generates at high speed]	[Struct-all excel data, Semi-log] Unstruct-	[Result accuracy; trust worthiness] [Image(Scans)]	[disease deduction, Better treatment, Reduced cost]

College Database -

Volume	Velocity	Variety	Variety	Value
[Student records, faculty details, Results, library records]	[online exam submission, attendance update, fees payment]	[Struct- Student tables, marks, fees Semi-forms, Unstruct- pdf, reports, ID cards,]	[Errors in manual entry, outdated info]	[Performance analysis, placement prediction]

Employee Database -

Volume	Velocity	Variety	Variety	Value
[Large amt of employee, (person, Payroll, attendance)]	[Regular updates like attendance, Salary processing, Promotions]	[Struct-tables, Semi-forms, Unstruct- documents]	[Accuracy may vary due to Manual entry]	[Useful for HR decisions]

Social media

Any Technology

Social Media - Instagram -

Volume - Massive amount of posts, photos, videos and comments.

Velocity - Data generated and updated in great time.

Variety - Images, videos, text, reels.

Veracity - Information reliability varies, fake or misleading content exist.

Value - Useful for marketing, trend analysis.

Technology - AI

Volume - Large datasets used for training & learning.

Velocity - Data processed & updated in great time.

Variety - Text, audio, video, images.

Veracity - Data quality may vary, noisy.

Value - Enables automation, prediction & smarter decision.