Your Ultimate Guide To Landing
Top AI roles

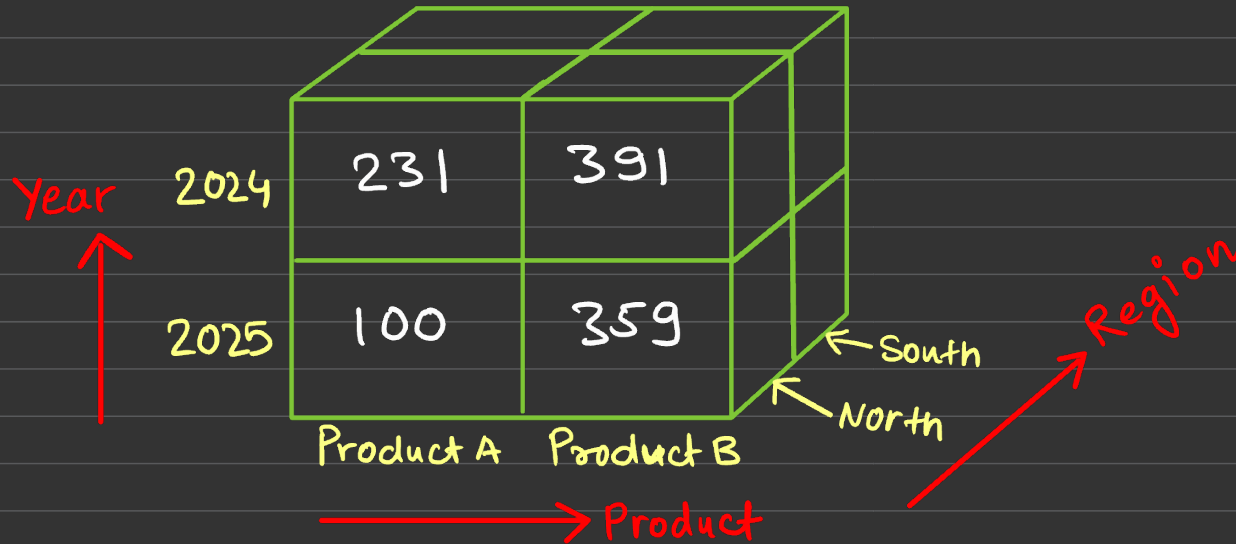DECODE
AiML

Multi-Indexing & Pivot Tables

→ <u>Visualize a Sample 3-d data</u>

→ Shape
  ↳ (Region, year, Product)

Year
2024 | 231 | 391
2025 | 100 | 359
Product A | Product B
→ Product

← South
← North
Region

→ For each of 2 region the data is in a matrix (year, product)

	Product A	Product B
2024	231	391
2025	100	359

North Region data

	Product A	Product B
2024	281	230
2025	355	239

South Region data

	Product A	Product B
2024	231	391
2025	100	359

	Product A	Product B
2024	281	230
2025	355	239

Region   Year

North
	Product A	Product B
2024	231	391
2025	100	359

South
	Product A	Product B
2024	281	230
2025	355	239

Product A   Product B   ← Product

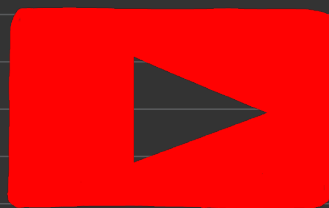→ So here 2 Index → (Region, year)

(Index 0) (Index 1)

Region   Year

	Product A	Product B
North 2024	231	391
2025	100	359
South 2024	281	230
2025	355	239

Product A   Product B ← Product