MIND MAP
UNIT 3 -- MATHS FOR AI
(Statistics & Probability)

Importance of Math for AI	❖ Importance of Math for AI ❖ Finding Patterns in Number & image ❖ Uses of Math: Statistics, Linear Algebra, Probability and Calculus ❖ Observe the number pattern & find the missing number To find connection between sets of images and use that to solve problems.

Statistics	❖ Definition of Statistics
	❖ Application
	   ✓ **Disaster Management**
	   ✓ **Sports**
	   ✓ **Diseases Prediction**
	   ✓ **Weather Forecast**

Probability	❖ Introduction to Probability
	❖ How to calculate the probability of an event
	❖ Types of events
	❖ Understand the concept of Probability using a related example.
	❖ Application
	   ✓ Sports
	   ✓ Weather Forecast
	   ✓ Traffic Estimation