MATH AND STATS!

NOW WITH 20% MORE NEURAL NETWORKS!

AI'S ESSENTIAL INGREDIENTS

MSAM
Mathematics & Statistics Awareness Month

INGREDIENTS
(BY PERCENTAGE OF IMPORTANCE)

	% VALUE
MATHEMATICS & STATISTICS The foundation of AI, covering probability, linear algebra, and calculus	40%
PROGRAMMING Languages such as Python, R, and Julia for building and implementing AI models	20%
MACHINE LEARNING CONCEPTS Understanding supervised, unsupervised, and reinforcement learning	15%
DATA SCIENCE & PREPROCESSING Cleaning, organizing, and analyzing data for AI training	10%
CRITICAL THINKING & PROBLEM-SOLVING The ability to interpret results and refine models	5%
ETHICS & BIAS AWARENESS Ensuring fair and responsible AI development (you can always add more—you can never have too much of this ingredient)	5%
HANDS-ON PROJECTS & PRACTICE Applying AI through coding exercises and real-world projects	5%

MAY CONTAIN TRACES OF THE FOLLOWING: DEBUGGING FRUSTRATION (COMMON BUT TEMPORARY), OCCASIONAL EXISTENTIAL CRISES ABOUT AI TAKING OVER THE WORLD, EXCESSIVE JOY FROM FINALLY DEBUGGING A MODEL