

TABLE OF CONTENTS

PAGE NUMBER	TOPIC
113	AI, AI vs ML, Independent component analysis (ICA)
114	Types of Regression in ML, AI Agents vs Agentic AI
115	Encoders vs Decoders, Normalization and standardization, RoPE
116	Token Alignment, Multi query attention, Pooling (CNN)
117	Normalization in LLM, Vector DB vs Knowledge Graphs and usage in RAG
118	Dense vectors, Base vs instruction tuned models (RLHF, SFT, Hallucinations, LLM)
119	Activation functions (and gradient vanishing)
120	Types of Masking in LLM
121	Special tokens in NLP, Focal loss Functions
122	RNN (Recurrent Neural Networks)
123	Gradient norm/vanishing/clipping, Neural Network Evaluation Metrics