HUM 220N Group Study Sheet

AI and the Human Experience | Foundations and algorithm types

Name: _____ Section: _____ Group: _____

Work together to write a short definition in your own words. For each thinker, write the main idea. Each person completes a sheet. Star anything uncertain and revise it during review.

TERM OR THINKER	DEFINITION OR MAIN IDEA IN YOUR OWN WORDS
Algorithm	
Input	
Output	
Model	
Machine learning	
Neural network	
Large language model (LLM)	
Linear regression	
Logistic regression	
Decision tree	
Sorting algorithm	
Binary search	

Use short definitions that explain what the term does or why the idea matters.

HUM 220N Group Study Sheet

AI and the Human Experience | Learning types and tasks

Name: _____ Section: _____ Group: _____

Work together to write a short definition in your own words. For each thinker, write the main idea. Each person completes a sheet. Star anything uncertain and revise it during review.

TERM OR THINKER	DEFINITION OR MAIN IDEA IN YOUR OWN WORDS
Dijkstra's algorithm	
Encryption algorithm	
Supervised learning	
Unsupervised learning	
Reinforcement learning	
Labeled data	
Classification	
Regression	
Clustering	
Training	
Inference	
Training data	

Use short definitions that explain what the term does or why the idea matters.

HUM 220N Group Study Sheet

AI and the Human Experience | Training and text representations

Name: _____ Section: _____ Group: _____

Work together to write a short definition in your own words. For each thinker, write the main idea. Each person completes a sheet. Star anything uncertain and revise it during review.

TERM OR THINKER	DEFINITION OR MAIN IDEA IN YOUR OWN WORDS
Weights	
Loss	
Backpropagation	
Gradient descent	
Pretraining	
Fine-tuning	
RLHF	
Token	
Tokenization	
Token ID	
Vector	
Word / token embedding	

Use short definitions that explain what the term does or why the idea matters.

HUM 220N Group Study Sheet

AI and the Human Experience | Inside a large language model

Name: _____ Section: _____ Group: _____

Work together to write a short definition in your own words. For each thinker, write the main idea. Each person completes a sheet. Star anything uncertain and revise it during review.

TERM OR THINKER	DEFINITION OR MAIN IDEA IN YOUR OWN WORDS
Hidden state	
Self-attention	
Query	
Key	
Value	
Multi-head attention	
Transformer	
Feed-forward network	
Context window	
Next-token prediction	
Temperature	
Hallucination	

Use short definitions that explain what the term does or why the idea matters.

HUM 220N Group Study Sheet

AI and the Human Experience | Thinkers and course ideas

Name: _____ Section: _____ Group: _____

Work together to write a short definition in your own words. For each thinker, write the main idea. Each person completes a sheet. Star anything uncertain and revise it during review.

TERM OR THINKER	DEFINITION OR MAIN IDEA IN YOUR OWN WORDS
Cognitive offloading	
John Searle	
Alan Turing	
Howard Gardner	
Marshall McLuhan	
Neil Postman	
Kate Crawford	
Media ecology	
Medium	
Technopoly	
Weak AI	
Strong AI	

Use short definitions that explain what the term does or why the idea matters.