Started on	Wednesday, 4 June 2025, 12:27 PM
State	Finished
Completed on	Wednesday, 4 June 2025, 12:42 PM
Time taken	14 mins 48 secs
Marks	17.00/30.00
Grade	56.67 out of 100.00
Question 1	
Complete	
Mark 1.00 out of 1.00	
Which of the following	g is NOT a part of the MERN stack?
O N I :	
a. Node.js	
b. Ruby on Rail	S
c. MongoDB	
d. Express.js	
Question 2	
Complete	
Mark 0.00 out of 1.00	
In MongoDB, which o	lata type is used for document _id?
a. String	
b. ObjectId	
c. Integer	
d. UUID	
Question 3	
Complete	
Mark 0.00 out of 1.00	
In Docker, what is the	e purpose of a volume?
	onment variables
	ed containers
c. Build images	
d. Persist data	outside containers

Question 4				
Complete	Complete			
Mark 1.00 c	out of 1.00			
What ty	pe of learning does a GAN use?			
	Unsupervised			
) b.	Supervised			
© C.	Adversarial Reinforcement			
O d.	Reinforcement			
Question 5				
Complete				
Mark 1.00 c	out of 1.00			
AUC-RO	DC is used to:			
a.	Evaluate ranking of predictions			
O b.	Detect outliers			
	Handle imbalanced datasets			
○ d.	Compute feature importance			
Question 6				
Question C				
Complete				
Complete				
Complete Mark 0.00 c				
Complete Mark 0.00 c	the principal components are:			
Complete Mark 0.00 c	the principal components are: The columns with highest variance			
In PCA, a. b.	the principal components are: The columns with highest variance Orthogonal directions of maximum variance			
In PCA, a. b. c.	the principal components are: The columns with highest variance Orthogonal directions of maximum variance Eigenvectors of the covariance matrix			
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In PCA, a. b. c. d. Question 7 Complete Mark 0.00 c	the principal components are: The columns with highest variance Orthogonal directions of maximum variance Eigenvectors of the covariance matrix The rows of the original matrix out of 1.00 om Forest, what is 'bagging'?			
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Complete				
Complete				
Mark 0.00 out of 1.00				
What does SQL injection target?				
what does see injection target:				
a. Server file system				
○ b. JavaScript variables				
○ c. Database query layer				
d. Authentication logic				
Question 9				
Complete				
Mark 1.00 out of 1.00				
Which of the following statements is true for Gradient Descent?				
a. It does not work with non-differentiable functions				
○ b. It increases the loss function				
c. It updates parameters using a learning rate				
○ d. It always finds the global minimum				
Question 10				
Complete				
Complete Mark 1.00 out of 1.00				
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Question 12
Complete
Mark 0.00 out of 1.00
What happens in the virtual DOM when a state changes in React?
a. No re-render happens
b. Entire app is re-rendered
c. Direct manipulation of the real DOM
d. Comparison with previous virtual DOM (diffing)
13
Question 13 Complete
Mark 1.00 out of 1.00
What is the key difference between bagging and boosting?
Reacting facuses an correcting arrays of provious models
a. Boosting focuses on correcting errors of previous modelsb. Boosting uses random subsets
b. Boosting uses random subsetsc. Bagging reduces variance by averaging weak learners
 d. Bagging combines weak learners sequentially
Question 14
Complete
Mark 1.00 out of 1.00
Which of the following is NOT true about decision trees?
a. They are prone to overfitting
○ b. They are easy to visualize
c. They require feature scaling
d. They can handle both regression and classification
45
Question 15
Complete Mark 100 part of 100
Mark 1.00 out of 1.00
What does REST stand for?
a. Remote Engine System Tuning
b. Random Event Sync Tracker
© c. Representational State Transfer
○ d. Real-time Entity Schema Transfer

Complete Mark 1.00 out of 1.00
Mark 1.00 out of 1.00
Which deep learning architecture is best suited for image classification?
■ a. CNN
○ b. RNN
○ c. Transformer
○ d. GAN
Question 17
Complete
Mark 1.00 out of 1.00
What is JSX in React?
a. JavaScript syntax validator
b. jQuery-based syntax
c. JSON over XML
d. JavaScript and XML mix
Question 18
Complete
Mark 1.00 out of 1.00
What is the primary role of the activation function in a neural network?
a. Increase gradient flow
b. Introduce non-linearity
c. Reduce input dimensionality
c. Reduce input dimensionalityd. Normalize outputs
○ d. Normalize outputs
d. Normalize outputsQuestion 19
Question 19 Complete
Question 19 Complete Mark 0.00 out of 1.00
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Question 20
Complete
Mark 1.00 out of 1.00
What does CORS handle?
Cross spirits ADI seeses
a. Cross-origin API accessb. Server port binding
c. Client certificate validation
d. Compression of resources
24
Question 21 Complete
Mark 0.00 out of 1.00
Mich Ned County In County of UTTP and 2
Which Node.js module is used to create an HTTP server?
o a. net
b. express
○ c. http
○ d. socket
Question 22
Question 22 Complete
Complete
Complete
Complete Mark 0.00 out of 1.00 What is the purpose of useRef in React?
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Question 24
Complete
Mark 1.00 out of 1.00
What is the default port for MongoDB?
○ a. 3306
○ b. 8080
○ c. 5432
· · · ar
Question 25 Complete
Mark 1.00 out of 1.00
Which tool can be used for CI/CD in Full Stack pipelines?
a. Postman
b. Jenkins
C. Docker Hub
○ d. MongoDB Compass
Question 26
Complete
Complete
Complete
Complete Mark 0.00 out of 1.00 L1 regularization encourages:
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Complete Mark 0.00 out of 1.00 L1 regularization encourages: a. Dense models b. Faster convergence
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4/25, 12:43 PM	Quiz ML/FS: Attempt review
Question 28	
Complete	
Mark 1.00 out of 1.00	
What does the 'kernel trick' do in SVM?	
What does the remerties do in SVW:	
a. Reduces computation time	
 b. Eliminates the need for support vectors 	
c. Allows handling of non-linear separation	
Od. Normalizes features	
Question 29	
Complete Mark 0.00 out of 1.00	
Mark 0.00 out of 1.00	
Which HTTP method is idempotent and safe?	
○ a. DELETE	
b. PATCH	
c. POST	
d. GET	
G. GET	
Question 30	
Complete	
Mark 1.00 out of 1.00	
In React, which hook is used to manage side-effects?	
a. useMemo	
○ b. useContext	
○ c. useReducer	
d. useEffect	