

	Adranas in Machin Learning
	Ami Implementation of enumber and performance measurement
10	Tite: Ensumber learning methods Che random forest, bagging, and ploosting to improve accuracy.
t <sub>and</sub> e.	Frequestly Ashed Claustion
	Question 1: What is an ennuble model?
=>	An opporte model is one when moltiple bosic models are combined to improve the according of the regression / classification tash.
	Advantages: - Achieve better performen them any single
	- Reduce, the sprind or dispersion of the pudiction

of the strain by the



	Quotion 2: What is bagging, boosting and stacking?
	Bagging: In buyging, all combine the output of multiple algorithm that have been trained on smaller segments of the data and all of the operate independently.
2>	Boosting: Hen, the train of every subriquent model on the performance of the previous model.
3>	Stacking: Stacking un different types of ML algorithm  to create an ensemble our model is trained  to countin the predictions.
	clustion 3: Can we commble moltiple models of
O)	Yes in grougein, and boosting models of the come algorithm are combined to creat an encuber.
7 2 7	Dustion 4: How can we identify the weight of different mould for enough?
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	optimul methods:
	- Find the colling of between lan Courses and
	bard on this tube. then identify the bon to
	Pusinble .
	- Find the algorithm to nown the optimal acigns for bon Corners.
	" Using muthods Cohn forward schetion, Schetion with
	Quition 5 What are the benifts of an ennuble model?
=>	Som length on:
	· Bette accioracy
	- Mon Stubility
	- Los variance chancer of overfitting.
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