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	AIM 8- Study of d	eeplearning pockages &	Tensorflow, kerras, Theo	→		
	Study of deep learning packages ? Tensorflow, kerras, Theo and PyTorch. Document the distinct Features of Functionality of the packages.					
	Objective.	6_				
	study f Installation of bollowing Deep Learning Packer 1) Tensor Flow 2) keras 3) Theono 4) PyTorch Softwore fequirements 8-					
	STNO	Nome	latest version			
		Python, Jupyter Notebook	3.9 -3.12			
	2_	Mindows	10,11			
1						
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NOTE THE PARTY OF					
No.	Theory ->				
	Tensor Flow				
Alla	Tensor Flow is a free and open source software library				
has de transport of the second	Computational mathematics to build machine				
Pro-	learning models more profoundly deep learning models.				
	Features				
-0					
in the second	computational Framework				
	It is platform that provide have computational framework				
ber a constant of the constant	at one place				
	proce				
_	Mobile peployment				
	It is as seen the last the				
	It is on easy way to build projects with mobile deployment				
-					
	High performance				
	Due to its ease & varying toolkits its gives high-performant				
()	-e user experience				
	Installation				
1.					
	command -> pip install tensorflow				
	Γ				
	kersas				
_	F0003				
	kerras is a high level neural networks API designed to				
	20. bla LOLT experimentalists				
- Indicate the second	keras provides support for convolutional & recurrent				
	remains provides support for convolutional & recurrent neural networks. f. can run seamlessly on both. CPUs & GPUs For Educational Use Only				
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-	Kerras can mun on top ob multiple backends TensorFlow, Theono of CNTK Installation	such as
	command -> pip install kerras	
0	Theano	
	Theano is a mathematical computation Librar efficient computation at multidimensional Theano provides deep integration with a symbolic expression model allows for opticomplex computations.	
	Installation	
(command -> pip install theano.	
(PyTorch	
	Pytorch is known for its dynamic computation the graph can be changed on the fly me experimentation easier.	n graph meaning aking de bugging
	Installation	
	command - pip install tooch toochvisic	on.
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•	Conclusion	
	Tensorflow. Pytorch, keras & Theano all these packages are installed & ready For deep learning applications. As per application domain & dataset we can choose the appropriate package & build the required type of neural network.	
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	사용 사용하는 경우 가는 것을 받는 것이 되었다. 이 경우 전에 보고 있는 것이 되었다. 그 것은 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그런 것이 없는 것이 없다 	
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