Courses: Lequence moders

Content:

week 1: Remerent Nemal Netwoks

Well 7: Natural language Processing

d ward Embeddings

Weeks: sequence models & Attention Mechanism

Conscia

Deep Learning Specialization

sequence data:	Speech recognition,	music generation, etc.
Pecuvent Nema	net une	
7		
each step,	rn passes on as ac	tivation to next step
for it to u	se .	
scun data	14t > rigut	
Parame teus	it uses for each time	step are shared.
* limitativa ->	Pred at certain	time uses inputs or
		the sequence but not
inger. later	in seq.	
Types of Dan	1-> 1	
'	1-> Many	
	many-1	
	many -> many	

Proble	ims [2NN					
4,	, Van	i shaq	gradient	5			
			not good	at cap.	turing Ve	y long	tenn
			depend	enci es			
					Pewner	u it	(GRV)
Long	6hor-	t Tem	Me mony	(LSTM)		Sim	Prier model
				more est	eutre		
Got	5)	tract	Tt.	npdate	Tu,	output	P.
(5ta	te			h'dd			
Can	di da	te Va	ue č ct	>			
Than	slatim	i syste	m. b	cam sea	mun		