MLPP2 (LLMand fach)

- to talk about our Ex from lost page we make a for assumptions about this high dim embolding space

e one direction in this high dim · Space represents first mame Michel

e another nearly prependicular space repersonh the last home Jordan Last Name Fordan

7

4

. and our space will reparsant the idra of british ball

- This means if we pall out a vector bring processed In the UM if its Lot product with first name Michel is 1 " E. (First mame michel) = 1" Parts what if would mean for Net vector to be encoding the idea of a person with 12th first name and vise versa for a dou product of o for simplicity ignore dor produte 21. E.7:1

- 50 Now lets say a vector is ment to repersont Ar fall name Michael Jordan Thr Hor dot product with both Michrel and Jordon directions would have & == 1

- Since we assume I word: I taken the text Michael Jordan " spans 2 tokers we also ossume a earlier attention block has passed into to the sceone of these Michell forder plays. two vectors "jordan" to ensure it can chindr 2 names here to El is just on & rector " sordn"

" to encoly "Michel forder" from 63 the prev token's help Scanned with CamScanner