I when worlding w/ multiple test sans, we Byte poir enceding add beard of test) tolans between those tests * Box words themselvs one booken Noto of these Icentostestin declars act as meaders, siburards, and these are done to lears Stynolling the start of and of a partial (CD GDED), om passible siturard breakday, oused for train GPT-2, GPT 3, and * This reads to mere effective processing and understanding by the LLAN Of-Model Fer Chart GPT * Tolkentreation Algorithms met sound to co word bused sobmord bused chicolar based M-hobby is playing colder My holds is pleasing concluded Chy, "the sty, 15, playing, " cridet] C'A', 'x', "1] very small vocabilary Every lengues. O Problem: what to do w/ problem (his About # of chances 3 solve of mention (Biglish 2008) Oct of vecch coop words, N noons is appried lost. Longer then indistrem doct menting of Simdar words char to a 7-751m los Host

a Seb-mod based robentzation Olmosur Conder besed beleasests) Releq: Do not spilt frequety used words Into 8 tolcens lete 2 , Spit ocrespords 1500 staller, meaningfel "by" should not be spirt "boys" shall be spirt mon Stemanos O The sibused spritting helps model learn stack "bay" and is " different words w) some noot and as utolean " @ Helps madel learn stat whe "toleens" and "toleens" are similar in & Det Parr Encoding (BPB) is a setural "toleen szation" and "modernization" are made tolonization algorithmit #BPB also! nost common get of consecutive bytes up of diff, not varies of data is replaced w/ abyte that does net Sixthale some suffly "Szatlen" and are used ocas in data, M splatic streetins. Bx! original data 2 'acabolacabac' o bott gate 'aci occos she most he mil replace wi Zas Zolocs not acon inthe dosta (CCG is a PARR) (b) compressed date, ZabolZabac @ Nest common byte peros 'as wern oppose this by & @ 2 Yd 2 Yac on byte paintest, Appears on y one so wedo not enade it WdWac 15 * Now split wares Anto yer mont charceters and east their Then is BPB used ferling? (e) BPB cosurs that mest common tolden I fold words in vocabase pregresented 1 as a single tolen, what word words are groben down fato two i or more submord to kens Oblet us take this example! * E"old 8 7, "older", 3, "finest", 9, "lonest" 43 * Argancesolns', Need to add and tolean "Law" 12 MBST at the end of each rord. PHGZ God 4w 27, "olde 4 w); 3", 113

west Step! BPB algorithm 18 to lade for mest frequent per the (Q) of Merge them and purison the sent startion ese in endage in costs in reach the toler Unit or Herton Comit Exection I, Start w/ second most common token's mest common tothe per startes wie", 's "es"; endose, subtract the cast and couldes and bolls, Ader 'es! to solve UST Cod 98839A 13 frequents (25'->13, 6'-73, 5'->0 Frenchin 2): Marge Jeleens "es" and "+" as thoy have appeared 13 Homes in as dodeset enteble, sixtract the (es) and it count by 13, Addicest to taken last and assign it 13 fragiency, (est ->13, (est ->0, ++->0) Thereston 3 that "est cown has appeared is those, SO Intable, Subtract the "est" and "Elw" 6313 Add "est Llw" to token ust and assign (+13 frequency, "Est -DC) "LLW>1-10, "estable"=13 CHEIPS 9150 Unlasted deference between Cestanche and highEst Deroton 4) "o" and "D" has appeared to simes so entasic, sistered the o' and 1' by 10, Add o' totalen 1088 and assign (+ 10 forgrancy, 6-74 121-74, 601-710 Exection 5 ! '01' and dI has appeared to shores sonteble, sistered (d) and (d) bylow. "Pas not make sense to mage " " in de "FAn' beause cors not opper men, we oneged the other ble love and est were present in lets of words, Pongi oaste; List of 11 tolars all sures ar toler freq vocabelary, Stepping corrects cen cither sedden cant, or # of recotions, corcint old