Reinforant Lain with Home Faciliarle (Lec 101 (CSZZUN) Layinge Models can ad as a casa of sudirection world models. They model agents, beliefs, and actions. It may nest to puliet next taxt, you'd also mant to puliet aprents' buliefs, becligned. LMs as multitaric assistants zero-shet leaving: no exemples, no predint applates. OPT2 did better Han SOTA supriment forteel in LAMBADA fook. 6PT3:
in-cutest leaving: exemples of the task before your (no predict applate) crenzle. Feminat Centre of Shofs. Zero-set: Trailable English to Franch cheese = Our-stat: 2 10% incresse Trustate English to French son offer => loutre de menc

Chuse =

Tradition! Fen-shet lains: Frenzen milel.

no privent update. produit update chris et Hayht
pumpting: (miliat uplate) cot: Haden Answ Steps of ruin. Zero-slot cof prepting. Anow: Let's thinh step by step. + followed by step by stop owning.

Still memal Cot is better theyl.

Pretring on lange nesteling. to den fireting (or may tasks) to allow the mule ( to adopt to tesks. Instruction fineturing: Collect exercles of (ins, output) peres access non tests and fireture a Language Model. coolente on inseen tests. Multiteish LMs. Messine Multitede Lapune Understraling
Lenchwele Hus isit quite posible on creatine paration tasks.

Layoge usdet aut aliqued with user intent.

LM purlises all toler-level mistakes equally. Ser one were my than other.

R(s) E | R maximen Rement. Es~Po(5)[R(2)] how do me charge out LM parant () to maximu? Policy publish muthods for maximing punctures Menta Cerlo suploy: The best can to approximate any expectation is to take surples as any expectation. Htt: Of f & 1. 1 R(Si) TOt ley Pot (Si) if R is positively society, took quality steps to mossive  $P_{\Theta}(S_i)$  if R is numerical and decrein, take steps to minima  $P_{\Theta}(S_i)$ hum-in-the-loop is expandion so modeling preferences is mice. LM RM & (5) to puliet lum profumois
for a dataset out option to Rudo

for each simple for LM 5, let's assure are 'me

Pointiese comparisons of deciding which aprile is more preferable also mater. (Rete ausum6) Reund Model does come close to the single human prefumer if there's emph doten. LMP PT(s) + RMp(s) + Policy Constitut R(4): RMp(5)-B. Duy (POC(5))

PPT(5) Revolter war pol(4) puelty. KL disgrace Po (1) and ppt(s)

(30k testes) Instruct GPT, scooling up RCHF to Humands of testes.