- Agents, Plans, Model Evaluati-Recep - Al/ML Stack Amazon Bedrock Der/ML Eng/Data Scientielt (Evaluate Model, Adapt Model) Amazon "Sagenakr M'W -) FM, whateled dataset (General purpose)

(KB) (RAG)?)+ RAGIAS, Amazon Bedweck KB -) Inference Parameters (time-tung) Top P-%-Probability - 0.95 (cut)dog, hat, sun) Setsequences -) "3" \mm' D Prompt Eng (fine-tune Models) La Concepte - Techniques. Baric/Par - Zerr-shot, few-shot, CoT, Risks Prompt Injection, other threats Sol: Agnordants (Denso) -> Model Evel 9 3 Ameson Bedrock Components - Modeli-IP. 3) Amazon Bedrock FM4 Sunctions (y) "lang chain Frame work. Les Prompt Templates, extra features. Architecture latterns. Demo - Agents - Guardrails. Multi-model Model = Text, images, videos, andis, web
access (public) = yeneral purpos. FM, -> Text generation, Test summarization, (ode generation, Image generation (Délianion Architecture) Information extration (KB, RAG, Chartest, Agents) Splitsfel models: Amazon Titan Anthropic - Claude FMz) - various stages of TR61 to achieve the BEST Results - self-supervissed learning (autogenesti leitzele)
RLHF (Reinforcement learning from Human field) Fine-tunny (Superiused leaving brown) (add specific, smaller (speific instruction) - Prompt tuny PM = Text to Text => LLM (NLP) Natural language forcering (Deep leaving) PM = Text to Image Stablelity - Stable Diffusion (Model) Diffusion Architecture Lo Deep Learning Architecture system 4) 2 step process Lorward diffusions (2) U-Net model (1) Clear 4 Concise BAD: Compute the sum extotal of the seq of numerals: 4,8,12,16. Good: What is the sum of these members - --? (2) Include Context (if needed) BAD: Sum varize this article: [niset text] Good: Provide a summery of this article to be used in a blog bost: [____] Penalty parameters: (Test generation Model - Jurgssic) Help control how repeatine Varied the general Test Heglenally: books at how often a token (word) has already been generated effect: Too frequently, the model is less likely to generate it again very very very good! Presence =) check wheather a token is already
fresent in the frompt effect: Reduces the chance of repeating use case: Encourage new ideas rather than rephrasty the some thing. 3) Count Penalty - Applies a penalty based on # times a token appeared in the generated text so for. Effect: Similar to forequency, more fine-gained use case: keeps the generated output diverse, avoid echoing the same taken.