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Create Presentation to Stakeholders.

what you'll have · design AI-powered, autonomous dobt management

· rele of agentic AI in automating firancial decision-

Stategies to ensure compliance, transfarency & fairness.

. Align AI diven insights with hirancial industry regulatory standards.

What I should do.

· Design presentation outlining a framework for an AI powered collections system.

· Identity quardrails to prevent unfair or biased unitations decision making.

· know how agentic AI can adapt changes in deliranery patterns.

*How to disign an AI-powered, autonomous dellmanagement system:

Agentic AI should be able to

· Ingest predictive risk cores

· Determine best course of action

· Personalise timing & messaging based on customer behavious

order nage

· Monitor outcomes kadjust future actions.

Key components of autonomous systems

(Data fifeline: Feeds the system weal-time customer information.

Ex: customer demographics; transaction history;

real time payment activity etc.

② Decision Engine: Applies business sules & model outfuts to make autonomous decisions outfuts to make autonomous decisions wachine learning mobile of a combination of both to get optimal action.

3) Action layer: Executes intermentions.

Ex: sending generalized SMS remainders, offering payment deferrals, initiating phone calls

(4) learning loop: Monitors outcomes and feeds them back into the model to refine future decisions. Exitacking metrics such as repayment sates; customer engagement, and cost of collections to evaluate the effectiveness of its actions and adjust its strategies.

Important considerations:

() Integration with existing systems (eg: CRM, payment parcessing)

1) Human oversight: Where KWhy it's needed.

3 Guardrails for compliance, fairness & accountability.

adheing laws presenting establishing responsibility.

transparency Kugulotions discirninatory establishing.

providing explainable decision

lisciminatory for system actions

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actions

accountability.

exablishing responsibility system autions

* Understanding the role of agentic AI in financial decision - making:

Agentic AI: Unlike rule based automation, executes dynamically.

Why is it related to debt edlection involves decision making

Agentic AI systems are capable of:

- · Busoralizing actions based on real-time customer
- · Adjusting strategies

· Handling complexity

· Making trade-offs in line with business rules, prioritizing high risk cases without compromising fairness.

Agentic AI enables system to:

1 Interfect patterns

3 Select optimal interventions

3 Balance competing objectives

(1) bours from success /failure and infrance our time

* Stategies for ensuring compliance, transfarency & fairness un AI-driven financial services.

you will come across two terms in Bias detection 4 miligation. our ar weighting =) A bias mitigation technique where certain data points (often from underrefresented groups) are assigned higher importance during training, ensuing that the model does not disprefertionally learn patterns from majority-group data.

· adversarial debiasing => Involves training a secondary model (an adversary I that actively detects and

minimizes biased patterns in the purmary model's decision-making process. This helps frementmodels from learning unintended discriminatory correlations. Continuation Notes of task y un Gittfub raisised semboris Agentic AT systems are coprable of · Buser alizing oitions based on real-time customer · Adjusting starteges · Holking trade offs in line with business who, Hamiltong confilmates without compromising. O Interfact posteria wordnewsky landge belez (Dearn from success failure and infrase our bons Deslance confesting effectives * Statisque des ensurang conflicance, transforment & fairvers in PI-duren financial consider. you will come outles two terms in that delicher and for the ephonest religions with 900 prists