

Paola and the Human Side of AI

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Daily XP 535

Exercise

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Paola and the human side of AI

Paola and her team are almost ready to kick off their company's first AI project to develop a product recommender system in the fashion retail sector.

Her plan to establish an AI culture and strategy before developing the project has received a lot of praise.

However, after learning about the human aspects of AI, she and members of her team realized there are some important issues they must also consider.

They have brainstormed several critical issues to watch out for within the scope of the project. Now they need to classify these issues before formulating guidelines and actions.

Instructions 100XP

- Help Paola and her team drag the issues listed into their most suitable category.

Take Hint (-30 XP)

Incorrect

Not correct: personal data protection is a critical AI ethical concern in any organization.

Did you find this helpful?

✓ Yes

✗ No

Drag the Items Into the correct bucket

Drop items here

Explainability and Interpretability

Ethics and fairness

AI and Data democratization

Implement mechanisms to help AI engineers and data scientists understand predictions made by the model

Reduce massive recommendations of highly popular products to the detriment of less known ones

Make everybody in the organization comfortable accessing and getting insight from the recommender system data

Provide end customers with intuitive explanations for the recommendations received

Enforce mechanisms for the effective protection of any personal and sensitive customer and user data

Reduce the tech-business gap by ensuring proper abstraction of implemented recommender algorithms

Submit Answer

****Question:****

Paola and her team are almost ready to kick off their company's first AI project to develop a product recommender system in the fashion retail sector.

Her plan to establish an AI culture and strategy before developing the project has received a lot of praise.

However, after learning about the human aspects of AI, she and members of her team realized there are some important issues they must also consider.

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Explanations for Each Category:

1. Explainability and Interpretability:

****Implement mechanisms to help AI engineers and data scientists understand predictions made by the model:****

- This issue falls under Explainability and Interpretability as it ensures that the AI system's decision-making processes can be analyzed and understood by the developers. Transparency in how recommendations are generated helps in debugging and improving the model.

****Provide end customers with intuitive explanations for the recommendations received:****

- This is also part of Explainability and Interpretability because it enables users to trust the AI system by providing clear, understandable reasons behind its recommendations. This fosters user trust and confidence in the system.

2. Ethics and Fairness:

****Reduce massive recommendations of highly popular products to the detriment of less known ones:****

- This aligns with Ethics and Fairness as it addresses the issue of bias in recommendations. Promoting diversity in recommendations ensures fairness and avoids reinforcing monopolistic behaviors.

****Enforce mechanisms for the effective protection of any personal and sensitive customer and user data:****

- Protecting personal data is a cornerstone of Ethics and Fairness. This ensures compliance with regulations and builds trust by safeguarding user privacy.

3. AI and Data Democratization:

****Make everybody in the organization comfortable accessing and getting insight from the recommender system data:****

- This belongs to AI and Data Democratization as it ensures that the benefits of AI are accessible to all stakeholders, not just technical experts. Democratization promotes inclusivity and transparency.

****Reduce the tech-business gap by ensuring proper abstraction of implemented recommender algorithms:****

- This issue also falls under AI and Data Democratization because bridging the gap between technical and business teams helps everyone understand and utilize the AI system effectively.