EconML Flashcards for Amazon Interview Prep

# Flashcard: LinearDML

❓ What is LinearDML?

💡 When to use LinearDML in an Amazon context?

🧠 What are the key assumptions of LinearDML?

🔧 What are the model steps of LinearDML?

⚙️ How do you implement LinearDML in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for LinearDML?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: DRLearner

❓ What is DRLearner?

💡 When to use DRLearner in an Amazon context?

🧠 What are the key assumptions of DRLearner?

🔧 What are the model steps of DRLearner?

⚙️ How do you implement DRLearner in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for DRLearner?

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# Flashcard: CausalForestDML

❓ What is CausalForestDML?

💡 When to use CausalForestDML in an Amazon context?

🧠 What are the key assumptions of CausalForestDML?

🔧 What are the model steps of CausalForestDML?

⚙️ How do you implement CausalForestDML in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for CausalForestDML?

✅ What control variables should be included (W)?

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# Flashcard: DMLIV

❓ What is DMLIV?

💡 When to use DMLIV in an Amazon context?

🧠 What are the key assumptions of DMLIV?

🔧 What are the model steps of DMLIV?

⚙️ How do you implement DMLIV in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for DMLIV?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: DynamicDML

❓ What is DynamicDML?

💡 When to use DynamicDML in an Amazon context?

🧠 What are the key assumptions of DynamicDML?

🔧 What are the model steps of DynamicDML?

⚙️ How do you implement DynamicDML in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for DynamicDML?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: Meta-Learners

❓ What is Meta-Learners?

💡 When to use Meta-Learners in an Amazon context?

🧠 What are the key assumptions of Meta-Learners?

🔧 What are the model steps of Meta-Learners?

⚙️ How do you implement Meta-Learners in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for Meta-Learners?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: OrthoForest

❓ What is OrthoForest?

💡 When to use OrthoForest in an Amazon context?

🧠 What are the key assumptions of OrthoForest?

🔧 What are the model steps of OrthoForest?

⚙️ How do you implement OrthoForest in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for OrthoForest?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: DeepIV

❓ What is DeepIV?

💡 When to use DeepIV in an Amazon context?

🧠 What are the key assumptions of DeepIV?

🔧 What are the model steps of DeepIV?

⚙️ How do you implement DeepIV in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for DeepIV?

✅ What control variables should be included (W)?

🚫 What should not be included?

# Flashcard: SieveTSLS

❓ What is SieveTSLS?

💡 When to use SieveTSLS in an Amazon context?

🧠 What are the key assumptions of SieveTSLS?

🔧 What are the model steps of SieveTSLS?

⚙️ How do you implement SieveTSLS in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for SieveTSLS?

✅ What control variables should be included (W)?

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# Flashcard: FederatedEstimator

❓ What is FederatedEstimator?

💡 When to use FederatedEstimator in an Amazon context?

🧠 What are the key assumptions of FederatedEstimator?

🔧 What are the model steps of FederatedEstimator?

⚙️ How do you implement FederatedEstimator in code?

📈 How do you interpret the results?

🛍 What is a realistic Amazon use case for FederatedEstimator?

✅ What control variables should be included (W)?

🚫 What should not be included?