Certified Artificial Intelligence Practitioner (CAIP)

Zetlan Technologies

Online Course

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1. Understanding the Artificial Intelligence Problem
- Describe how artificial intelligence and machine learning are used
- The use cases of ML algorithms to rank them by their success
- Research Learning Systems [Identify business case for image rec
- Analyze machine learning system use cases
- Communicate with stakeholders
- Identify potential ethical concerns

2. Engineering Features for Machine Learning
- Recognize relatv impact of data quality & size to algorthms Expln
- include standardization; normalization; log, square-root, & logit
- Work with textual, numerical, audio, or video data formats
- Transform numerical and categorical data
- Address business risks, ethical concerns, and related concepts

3. Training and Tuning ML Systems and Models

- Design machine and deep learning models (Differentiate types)
- differentiate types of DL algorithms; design for pattern recognitn
- Optimize the algorithm (e.g., structure, run time, tung hyprprmtr)
- Train, validate, and test data subsets
- Evaluate the model
- Address business risks, ethical concerns, and related concepts

3. Operationalizing ML Models

- Deploy a model
- Secure a pipeline (includes maintenance)
- Maintain the model postproduction
- Address business risks, ethical concerns, and related concepts

LEARN REMOTELY!!

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.

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