

Artificial Intelligence (AI)

Description: The group is working on using the CAM-I Body of Knowledge to create an AI centered framework. The framework will leverage aspects of CAM-I's Body of Knowledge and leverage AI in applying selected CAM-I tools and techniques to mission critical functions like supply chain management. Members will be able to use the framework for application within their organizations.

The group will focus on the following CAM-I Body of Knowledge:

1. CAM-I Cross – visibility into activities, cost drivers, performance linked to plans and budgets. The AI framework will become a reference model.
2. Closed Loop Planning and Budgeting – provides a structural backbone into Business Performance Management, metrics, and financial reconciliation to ensure accountability and value realization.
3. Performance Management – impacts are maximized when AI aligns with process and performance management.

The group will position AI as an accelerator of CAM-I's long -standing work on cost, performance, and process management. Topics the group will be considering as it develops the framework include (but are not limited to):

- What elements should be included in a CAM-I Body of Knowledge + AI Framework, a data layer, analytics layer, AI layer, process layer, and governance layer?
- How can the framework benefit supply chain centric topics like demand sensing, forecasting, inventory optimization, production planning and scheduling?
- To what extent should the framework enable advanced analytics, predictive models, data-driven insights, and other optimization algorithms?
- How much should the framework consider human centric collaboration – making sure the framework and any AI application(s) focus on human-centric AI for explainability, governance and collaboration rather than full autonomy?
- How can the framework and its application incorporate emissions as a cost/constraint alongside time and expense?
- The ethics of human/AI collaboration, including financial, legal, operational, ethical, and strategic factors.
- How does AI become an organizational discipline and an auditable process rather than a collection of ad-hoc tools?
- What level of approvals and controls are needed, specifically around fiduciary and risk processes?

As the framework development progresses the group will pilot findings and application at member companies.

Field of Study: Business Management & Organization

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