## Intelligent Management of Large-Scale Storage Frameworks in HPCs

**Objective and Approach**

**Objective** – Create an AI framework to effectively manage HPC intermediate storage architectures in real-time.

**Approach**

- Develop techniques/processes to manage intermediate storage architectures.
- Testing will be used via simulative and actual approaches.

**Skills Needed**

- Machine Learning (ML), Reinforcement learning (RL).
- Statistics
  - Discrete Markov Processes
  - Discrete Markov Decision Processes.
- Python
  - AI Gym, TensorFlow.

**Source:** www.eescorporation.com

**Please Contact**

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## Objective and Approach

**Objective** – Develop intelligent approaches for automatic mechanical ventilation (MV) management using PCV mode.

**Approach**
- Employ and analyze certain lung-ventilator simulative models.
- Develop AI techniques for smart MV management via the PCV mode.

## Skills Needed

- **Machine Learning (ML)** – Reinforcement learning (RL).
- **Statistics**
  - Reliability Analysis,
  - Discrete Markov Processes
  - Discrete Markov Decision Processes.
- **Python**
  - AI Gym
  - TensorFlow.

## Please Contact

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