

AMS Short Course AI Agenda - EPIC

Activity/Method	Content Description	Support Materials	Estimated Time
Introductions and log on procedures	Introduce speakers and their backgrounds. Have participants briefly state their names and what they hope to gain from the course. Also make sure that everyone is set up on Slack and the needed cloud resources.	Slack Channel sign-on and logon to cloud resources	30 min
AI demo 1 - Deterministic	Provide users the ability to run the new NOAA AI deterministic model (EAGLE). The users will be given notebooks to run these models on their own.	Handout of slides and notebooks to allow for hands on following along.	1 hr
AI demo 2 - Ensemble	Provide users the ability to run the new NOAA AI ensemble model (EAGLE). The users will be given notebooks to run these models on their own.	Handout of slides and notebooks to allow for hands on following along.	1 hr Break for 15 min will be taken during this section
Hands-on exercise for running alternate AI models	Participants attempt to use a dataset to perform real time running the AI models across four alternate AI models.	Hands on notebooks to run four AI models.	1 hr
Course wrap-up	Review the take-away concepts that were demonstrated in case studies. Solicit feedback from the hands-on exercise. Answer any remaining questions. End course.	Handout of key concepts and working code that students can replicate after the class.	30 min