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Graded Activity 1
CST8921 - Ragini Madan



CST 8921

Workspace creation

Home > Azure Machine Learning >

Azure Machine Learning

Create a machine learning workspace



Basics Inbound Access Outbound Access Encryption Identity Tags Review + create

Subscription	Azure for Students
Resource group	(New) Aml-lab-rg
Region	Canada Central
Name	Aml-lab-workspace
Storage account	(new) amillabworkspace1189085618
Key vault	(new) amillabworkspace9527145833
Application insights	(new) amillabworkspace7909412238
Container registry	(new) Amicontreg

Connectivity method	Enable public access from all networks
Network isolation	Public

Azure Ai resources page after link clicking

The screenshot shows the Microsoft Foundry | Azure Machine Learning interface for the workspace "Aml-lab-workspace". The left sidebar includes sections for Home, Model catalog, Authoring (Notebooks, Automated ML, Designer, Prompt flow), Assets (Data, Jobs, Components, Pipelines, Environments), and Model details. The main content area displays "Generative AI with Prompt flow" and "Generative AI models". Under "Generative AI with Prompt flow", there are five cards: "Multi-Round Q&A on Your Data", "Q&A on Your Data", "Web Classification", "Chat with Wikipedia", and "Use GPT". Under "Generative AI models", there are cards for "NVIDIA-Nemotron-3-Nano-N...", "Meta-Llama-3.1-70B", "MedImageParse3D", "Llama-4-Maverick-17B-128E-I...", and "Matte". A "View all" button is located at the bottom right of the "Generative AI models" section.

Pipeline creation

Microsoft Foundry | Azure Machine Learning

Algonquin College > Aml-lab-workspace > Designer > Authoring

Configure & Submit

All workspaces Home Model catalog

Authoring

- Notebooks
- Automated ML
- Designer**
- Prompt flow

Assets

- Data
- Jobs
- Components
- Pipelines
- Environments

Pipeline-Created-on-01-14-2026

Save Pipeline interface

Clipboard Paste Ctrl+V

```
graph TD; A[Load Data: automobile price raw] --> B[Select Columns in Dataset: select columns in dataset]; B --> C[Clean Missing Data: clean missing data]; C --> D[Split Data: Split the dataset into training set (0.7) and test set (0.3)]; D --> E[Train Model: train model]; D --> F[Score Model: score model]; E --> G[Score Model: score model]; F --> H[Evaluate Model: evaluate model]; G --> I[Evaluate Model: evaluate model]
```

Pipeline complete

Microsoft Foundry | Azure Machine Learning

Algonquin College > Aml-lab-workspace > Designer > Authoring

Set up pipeline job

Experiment: train-regression-designer-ml

Tags: No tags

Inputs & outputs

Inputs: None

Outputs: None

Runtime settings

Continue on step failure: True

Submit Back Next Close

All workspaces Home Model catalog

Authoring

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PIPELINE CREATED

