

1.125 Software Engine

Applied Generative AI		
SES #	Date	TOPICS
LECT 1	Thu, Sep 7	Introduction & Course Overview

LECT 2	Tue, Sep 12	
		Neural Networks and Generative AI
LECT 3	Thu, Sep 14	Copilot and LLMs
LECT 4	Tue, Sep 19	Prompting
LECT 5	Thu, Sep 21	Basics of LLMs
LECT 6	Tue, Sep 26	Attention is all you need

LECT 7	Thu, Sep 28	Embeddings
Data Engineering and Machine Learning in the Cloud		

SES #	TOPICS	
LECT 8	Tue, Oct 3	LangChain
LECT 9	Thu, Oct 5	LangChain
LECT 10	Tue, Oct 10	No Class Student Holiday
LECT 11	Thu, Oct 12	Mini Projects
LECT 12	Tue, Oct 17	Architecting Cloud Data Pipelines
LECT 13	Thu, Oct 19	Architecting Cloud Data Pipelines
LECT 14	Tue, Oct 24	Open Source 1 - Students Demo an ML App
LECT 15	Thu, Oct 26	Open Source 1 - Students Demo an ML App

Project		
SES #	TOPICS	

LECT 16	Tue, Oct 31	Project
LECT 17	Thu, Nov 2	Project
LECT 18	Tue, Nov 7	Project
LECT 19	Thu, Nov 9	Project
LECT 20	Tue, Nov 14	Project
LECT 21	Thu, Nov 16	Project
LECT 22	Tue, Nov 21	Project
Holiday	Thu, Nov 23	ThanksGiving
Practice	Tue, Nov 28	Project
Final	Thu, Nov 30	Final Presentations
Debrief		

Engineering & Architecting

HOMEWORK		
Comments		
HW00: Install VSCode Copilot and Git		
HW01- Github, Codespaces		
HW02:		
HW3 -		
oud		
HOMEWORK		
HW 4		
Mini Project 1		
Mini Project 2		
Video Making Exercise		
HOMEWORK		
HW: Video Project Deliverable 01		
HW: Project Deliverable 02		
Practice Presentations		
Practice Presentations		
Term Project Due		





