

JADWAL KELAS DAN MATERI PELATIHAN DIGITALENT UGM - BIG DATA & ARTIFICIAL INTELLIGENCE

tanggal	hari	Materi Big Data	Materi AI	detil pelaksanaan						Pertemuan ke-	bulan	
10/15/2018	SENIN			Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	PEMBUKAAN	OKTOBER	
				Tema								
				Lokasi								
10/16/2018	SELASA	Konsep Big Data (5V)	Pengantar	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	1		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 211 FISIPOL	BA 211 FISIPOL	BH 301 FISIPOL	BH 301 FISIPOL	BA 209 FISIPOL			
10/17/2018	RABU	Big Data Processing & Environment	Introduction to Programming: Dasar pemrograman Komputer menggunakan Python	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	07:30 - 09:30	07:30 - 09:30	2		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 209 FISIPOL	BA 209 FISIPOL	BH 301 FISIPOL	BG 101 FISIPOL	BG 203			
10/18/2018	KAMIS	Big Data Case Studies	Introduction to Programming: Pengenalan fitur dalam Python (Logic, import)	Waktu	07.30 - 09.30	10:00 - 12:00	15:30 - 17:30	15:30 - 17:30	15:30 - 17:30	3		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 303 FISIPOL	BA 301 FISIPOL	BA 205 FISIPOL	BA 207 FISIPOL	BA 209 FISIPOL			
10/19/2018	JUMAT	Dasar pemrograman Komputer menggunakan Python	Introduction to Programming: Pengenalan fitur dalam Python (Logic, import)	Waktu	07:00 - 09:00	09:30 - 11:30	15.30 - 17.30	15.30 - 17.30	15.30 - 17.30	4		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 209 FISIPOL	BA 209 FISIPOL	BA 209 FISIPOL	BA 207 FISIPOL	BA 209 FISIPOL			
10/22/2018	SENIN	Pengenalan fitur dalam Python (Logic, import)	INTRODUCTION TO AI/ML: Intro to AI/ML	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	5		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 207 FISIPOL	BA 209 FISIPOL	BA 207 FISIPOL	BA 207 FISIPOL	BA 209 FISIPOL			
10/23/2018	SELASA	Pengenalan fitur dalam Python (Logic, import)	INTRODUCTION TO AI/ML: Supervised Learning	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	6		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 211 FISIPOL	BA 211 FISIPOL	BH 301 FISIPOL	BH 301 FISIPOL	BA 209 FISIPOL			
10/24/2018	RABU	Data Collection : Transactional Data, Web Scraping, Available Dataset (Kaggle, etc)	INTRODUCTION TO AI/ML: Unsupervised Learning	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	7		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 209 FISIPOL	BA 209 FISIPOL	BH 301 FISIPOL	BH 301 FISIPOL	BA 209 FISIPOL			
10/25/2018	KAMIS	Data Cleansing : Kaggle, Mengenal Data Duplication, Data Anomali, Data loses,	Decision Support System: Case Based reasoning	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	8		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 303 FISIPOL	BA 301 FISIPOL	BA 209 FISIPOL	BA 207 FISIPOL	BA 209 FISIPOL			
10/26/2018	JUMAT	Case Kaggle : Data analysys, Teori : Data preparation and Business process	Decision Support System: Case Based reasoning	Waktu	07:00 - 09:00	09:30 - 11:30	13:30 - 15:30	15:30 - 17:30	15:30 - 17:30	9		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	BA 209 FISIPOL	BA 209 FISIPOL	BA 209 FISIPOL	BA 207 FISIPOL	BA 209 FISIPOL			
10/29/2018	SENIN	Working on project (Cleaning Data)	Decision Support System: Rule Based Reasoning	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	10		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			

JADWAL KELAS DAN MATERI PELATIHAN DIGITALENT UGM - BIG DATA & ARTIFICIAL INTELLIGENCE

tanggal	hari	Materi Big Data	Materi AI	detil pelaksanaan						Pertemuan ke-	bulan	
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
10/30/2018	SELASA	Evaluasi Cleansing	Decision Support System: Rule Based Reasoning	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	11		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
10/31/2018	RABU	Pengantar GUI dalam Python	Decision Support System: Perankingan	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	12		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/1/2018	KAMIS	Pembuatan aplikasi GUI dalam Python	Sentiment Analysis: Feature extraction	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	13		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/2/2018	JUMAT	Statistik Descriptive	Sentiment Analysis: Feature Selection	Waktu	07:00 - 09:00	09:30 - 11:30	13.30 - 15.30	15.30 - 17.30	15.30 - 17.30	14		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/5/2018	SENIN	Statistik Inferensial : Korelasi & Regresi	Sentiment Analysis: K-NN	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	15		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/6/2018	SELASA	Statistik Inferensial : Logistic / probabilitas	Sentiment Analysis: SVM	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	16		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/7/2018	RABU	Statistik Inferensial : Model Evaluation	Sentiment Analysis: K-Means	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	17		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/8/2018	KAMIS	Algoritma Klasifikasi: KNN, K-Means, SVM	Sentiment Analysis: Neural Network	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	18		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI	GEOGRAFI			
11/9/2018	JUMAT			Waktu	07:00 - 09:00	09:30 - 11:30	13.30 - 15.30	15.30 - 17.30	15.30 - 17.30	PELAKSANAAN UJIAN TENGAH SEMESTER		
				Tema	PELAKSANAAN UJIAN TENGAH SEMESTER							
				Lokasi								
11/12/2018	SENIN	Algoritma Klasifikasi: KNN, K-Means, SVM	Time Series (Forecasting): Moving Average	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	19		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
				Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30			

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tanggal	hari	Materi Big Data	Materi AI	detil pelaksanaan						Pertemuan ke-	bulan	
11/13/2018	SELASA	Latihan Statistik Inferensial 1	Time Series (Forecasting): Exponential Smoothing	Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)	20	NOVEMBER	
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/14/2018	RABU	Melakukan analisa statistik menggunakan file Excel	Time Series (Forecasting): Auto Regression	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	21		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/15/2018	KAMIS	Working on project (Statistic Dasar)	Time Series (Forecasting): ARIMA	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	22		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/16/2018	JUMAT	Evaluasi Statistic Dasar	Face Recognition: Data Preparation and Enhancement	Waktu	07:00 - 09:00	09:30 - 11:30	13.30 - 15.30	15.30 - 17.30	15.30 - 17.30	23		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/19/2018	SENIN	Introduction to Power BI/Tableau	Face Recognition: Feature Extraction	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	24		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/20/2018	SELASA			Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	HARI LIBUR NASIONAL		
				Tema								
				Lokasi								
11/21/2018	RABU	Analisa Data menggunakan Power BI	Face Recognition: Feature Selection (PCA)	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	25		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/22/2018	KAMIS	Visualisasi Grafik dan Analytic Storytelling	Face Recognition: Fisherface	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	26		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/23/2018	JUMAT	Natural Language Processing	Face Recognition: Eigenface	Waktu	07:00 - 09:00	09:30 - 11:30	13:30 - 15:30	16:00 - 18:00	16:00 - 18:00	27		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/26/2018	SENIN	Sentiment Analysis	Handwritten Recognition: Data Preparation	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	28		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			
11/27/2018	SELASA	Case Sentiment Analysis pada Social Media	Handwritten Recognition: Recognition using Logistic Regression	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	29		
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)			
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI			

JADWAL KELAS DAN MATERI PELATIHAN DIGITALENT UGM - BIG DATA & ARTIFICIAL INTELLIGENCE

tanggal	hari	Materi Big Data	Materi AI	detil pelaksanaan						Pertemuan ke-	bulan
11/28/2018	RABU	Machine Learning	Handwritten Recognition: Recognition using Neural Network	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	30	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
11/29/2018	KAMIS	Case Data Classification : Implementing Data Mining to Machine Learning	Handwritten Recognition: Recognition using PCA	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	31	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
11/30/2018	JUMAT	Pengenalan tools WEKA	Handwritten Recognition: Recognition using SVM	Waktu	07:00 - 09:00	09:30 - 11:30	13.30 - 15.30	15.30 - 17.30	15.30 - 17.30	32	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
12/3/2018	SENIN	Pengenalan tools RapidMiner	Konsultasi student tentang project yang akan di presentasikan	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	33	DESEMBER
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
12/4/2018	SELASA	Final Project 1 : Clustering and Sentiment Analysis Result	Presentasi final project	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	34	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
12/5/2018	RABU	Final Project 2 : Data Mining Result	Presentasi final project	Waktu	07.30 - 09.30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	35	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
12/6/2018	KAMIS	Final Project 3 : Visualisasi Result	Presentasi final project	Waktu	07:30 - 09:30	10:00 - 12:00	13:00 - 15:00	15:30 - 17:30	15:30 - 17:30	36	
				Tema	Big Data (BD - A)	Big Data (BD - B)	Big Data (BD - C)	Artificial Intelligence (AI - A)	Artificial Intelligence (AI - B)		
				Lokasi	D-TETI	D-TETI	D-TETI	D-TETI	D-TETI		
12/7/2018	JUMAT			Waktu	07:00 - 09:00	09:30 - 11:30	13.30 - 15.30	15.30 - 17.30	15.30 - 17.30	UJIAN AKHIR	
				Tema	UJIAN AKHIR						
				Lokasi							