

KNIME Spring Summit 2023 [L4-DE] Best Practices for Data Engineering

Introduction	10:00 – 10:10	Introduction to the course Technical setup
File Handling	10:10 – 10:40	File handling recap Best practices for data validation
Web Services	10:40 – 11:30	Web services Best practices for security, efficiency, and reusability
	11:30 – 11:40	Break
Data Anonymization	11:40 – 12:30	Data anonymization methods De-anonymization risk assessment
	12:30 – 1:30	Lunch
Databases	1:30 – 2:00	Relational databases: advanced topics NoSQL databases: overview Best practices for security, efficiency, and error handling
Big Data & Hadoop	2:00 – 2:30	A quick intro to Hadoop Big data connectors, IO, processing on Hadoop
	2:30 – 2:40	Break
Apache Spark	2:40 – 3:40	IO, processing, machine learning on Spark Performance optimization on Spark
	3:40 – 4:00	Coffee Break
Cloud and Big Data Connectivity	4:00 – 4:20	Running Hadoop applications on a cloud Cloud providers connectivity
Orchestration	4:20 – 5:30	Orchestration Workflow services Best practices for orchestration and error handling
	6:00 – 6:30	Partner of the Year Ceremony 1 st Floor, Conference Room
	6:30 – 11:00	Welcome Reception and Poster Exhibition 2 nd Floor, Foyer