KNIME Spring Summit 2023
[L4-DV] Low Code Data Extraction and Visualization

Data Collection: Connectors and Authenticators	10:00 – 10:45	Recognize data access and authenticator nodes.
Data Collection: REST APIs & Web Scraping	10:45 – 11:15	Issue HTTP requests to REST APIs and perform web scraping to retrieve text from websites.
Data Collection: Widgets	11:15 – 12:00	Differentiate between widgets to let users input, select, and filter data.
Data Collection: Customer Survey	12:00 – 12:30	Build a Data App to collect customer feedback and show off your skills.
	12:30 – 1:30	**Lunch**
Data Visualization: Choose the Right Plot	1:30 – 2:00	Match correct visualizations with unique tasks and goals.
Data Visualization: From Word Clouds to Networks	2:00 – 2:45	Apply advanced visualization techniques to common tasks (i.e., text topics, relationship strengths, trends, etc.).
Data Extraction: Text vs. Image-based PDFs	2:45 – 3:10	Parse PDFs using different nodes.
Data Extraction: Regex	3:10 – 3:30	Learn Regex to extract specific text and design a data extraction tool to automate repetitive tasks.
	3:00 – 3:30	**Coffee Break**
Data Quality: Outlier Detection	3:30 – 4:10	Detect errors in data using outlier detection techniques (e.g., visualization, statistics, and machine learning).
Visualization Best Practices	4:10 – 4:50	Improve visualizations by learning best practices.
Wrap up	4:50 – 5:30	Summary and Q&A
	6:00 – 6:30	**Partner of the Year Ceremony** 1st Floor, Conference Room
	6:30 – 11:00	**Welcome Reception and Poster Exhibition** 2nd Floor, Foyer