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VISUAL PROGRAMMING FOR PATENT MINING

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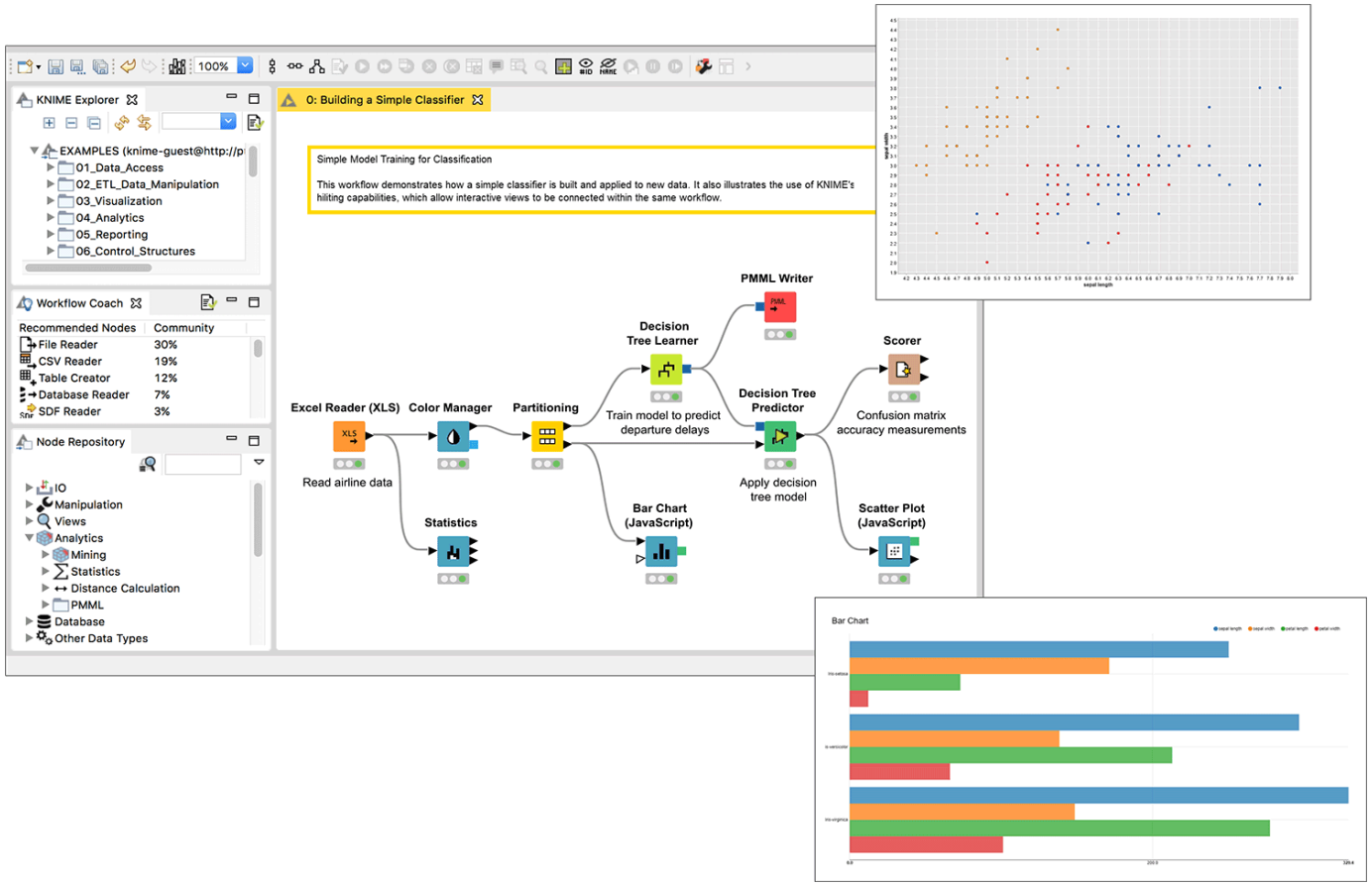
WHAT IS KNIME ANALYTICS PLATFORM?

A tool for data analysis, manipulation, visualization, and reporting

Based on the graphical programming paradigm

Provides a diverse array of extensions:

- Text Mining
- Network Mining
- Cheminformatics
- Image Informatics
- Many integrations, such as Java, R, Python, Weka, Keras, H2O, etc.



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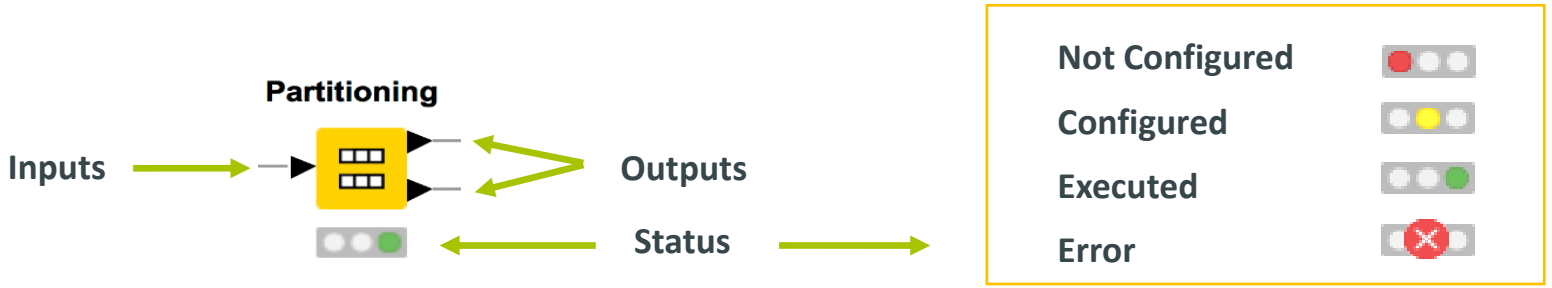
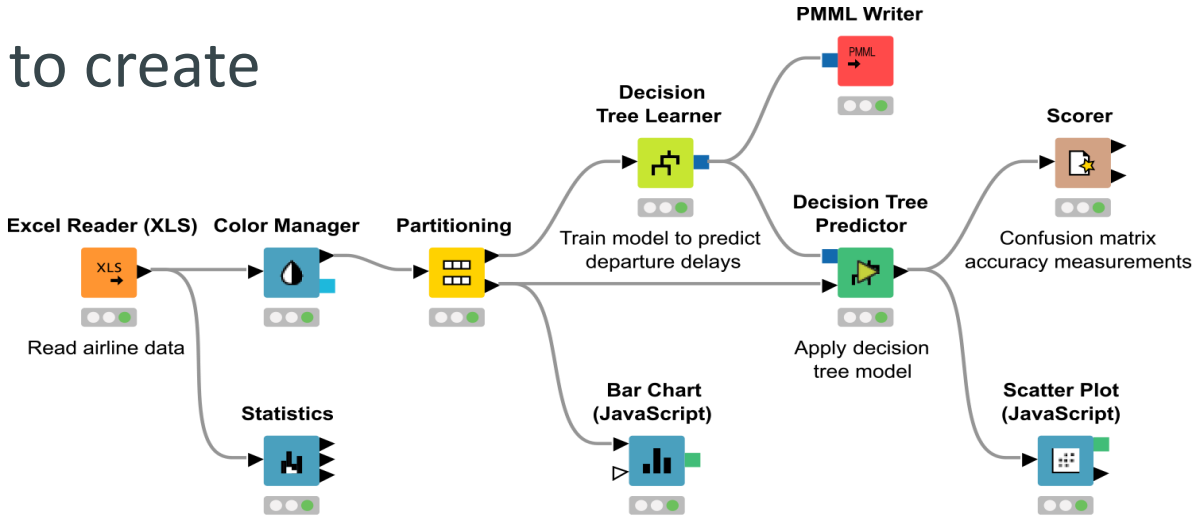
VISUAL KNIME WORKFLOWS AND GRAPHICAL PROGRAMMING

NODES perform tasks on data



Nodes are combined to create **WORKFLOWS**



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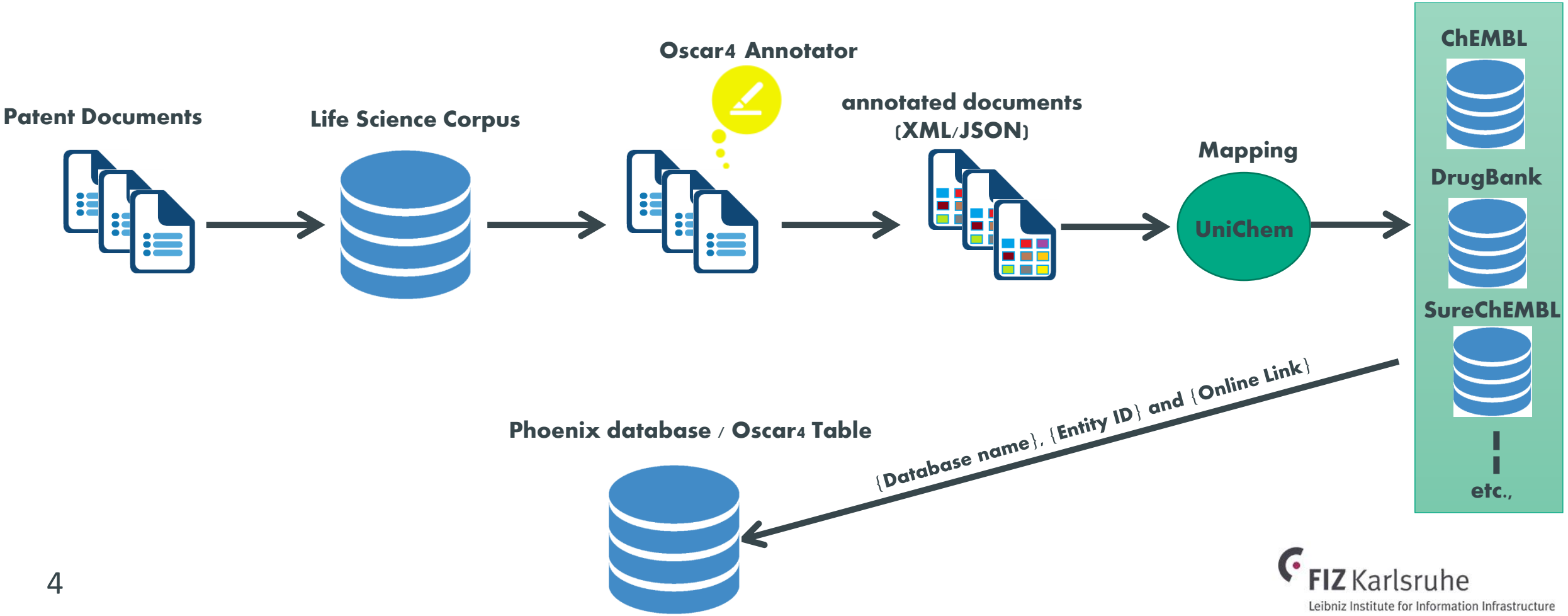
NAMED-ENTITY RECOGNITION (NER) WITH EXTERNAL RESOURCE MAPPING



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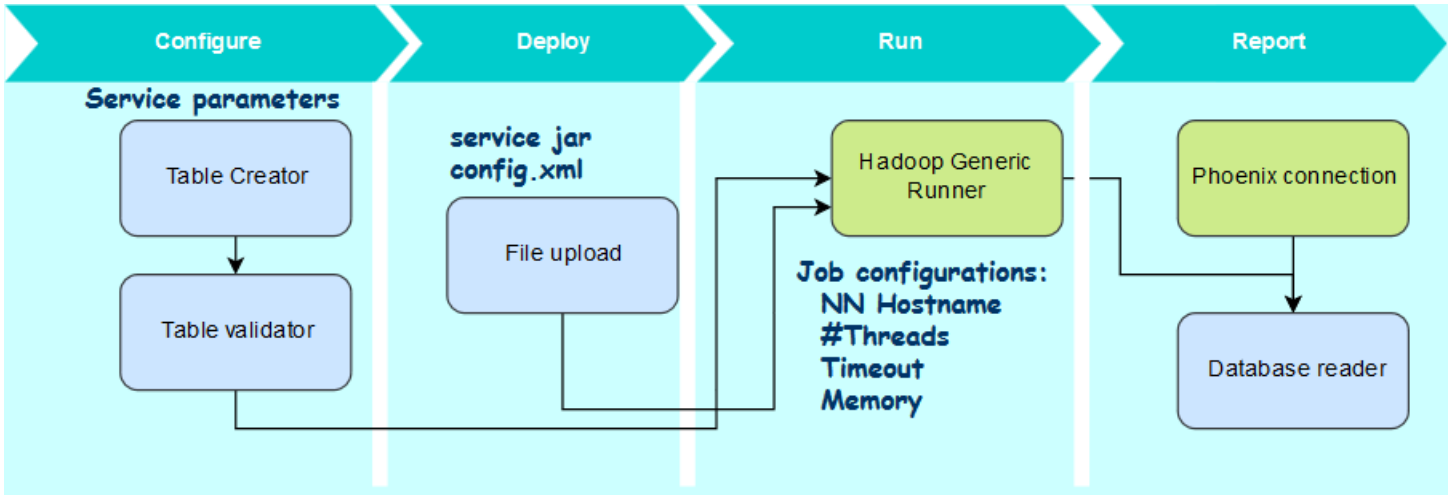
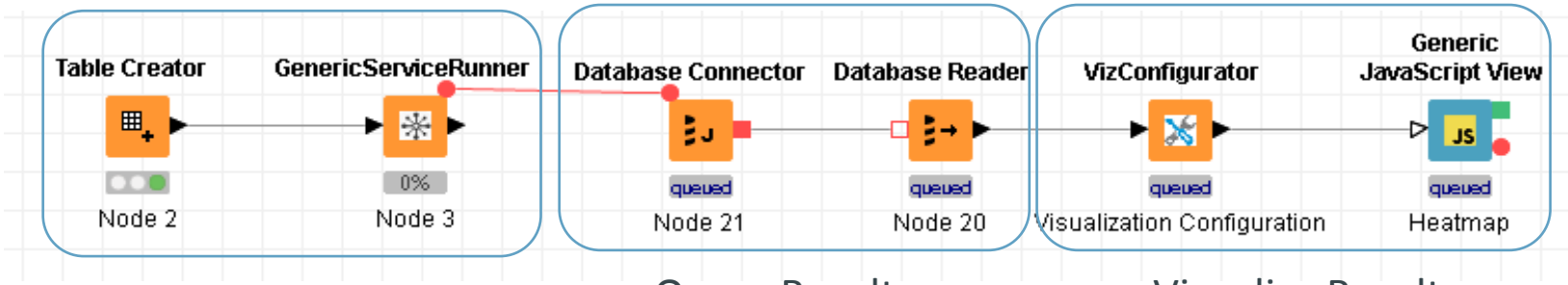
SCALABLE ANALYTICS WORKFLOWS

- Configure, deploy and run scalable services from KNIME





Run scalable process

Query Results

Visualize Results

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The Demo . . .