# KNIME101: How to Build Your First Workflow

Michele Bassanelli, Emilio Silvestri

February 12th, 2025



# **Speakers**

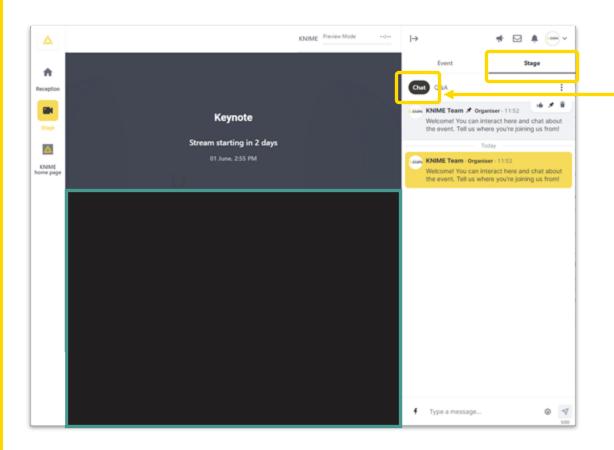


**Michele Bassanelli** Working Student, KNIME



**Emilio Silvestri** Data Scientist, KNIME

## Welcome! Use the live CHAT



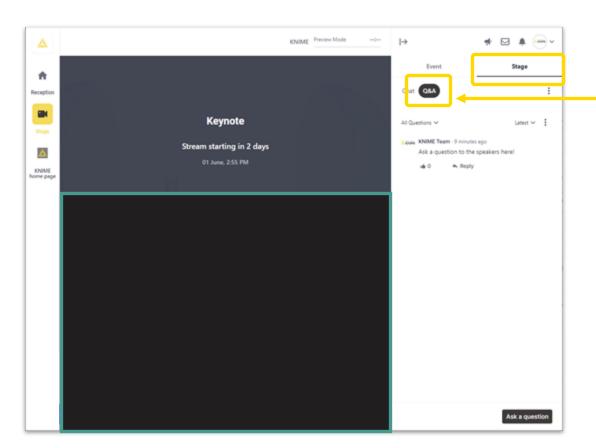
Here you can interact with others about the event!

Post where you are joining us from in the chat!





## Questions? Use the Q&A Tab



Here you can ask questions to the KNIME team and speakers!

Your question will be answered Live or during "Questions to the Speaker" session.



## **Streaming Problems? Got Lost?**



- A
- Reception





Networking

- Use Chrome or Firefox web browser for the best experience
- Try refreshing your browser
- Use a cabled internet connection if you have poor WiFi
- Try private browser mode
- Click on **'Stage'** to go back to the stream

# Agenda

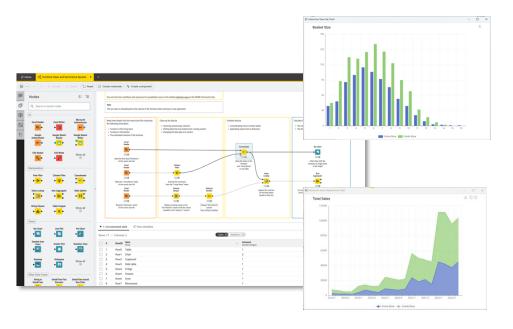
- Intro to KNIME Analytics Platform
- Live Demo
- **Q&A**





# What is KNIME Analytics Platform?

- A tool to make sense of your data
  - Data analysis, data science, data engineering
  - Transformation, visualization, reporting
- Open source
- Visual programming paradigm
  - No coding required





# What is visual programming?

The technology you work with:

Visual Workflows

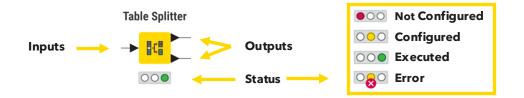
Visual Workflows

C Java SQL R Python JavaScript APIs

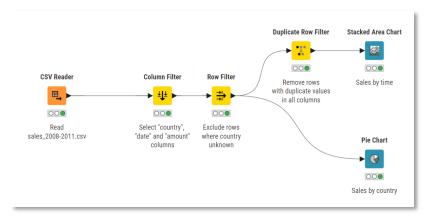


## **Nodes and Workflows**

Nodes perform tasks on data



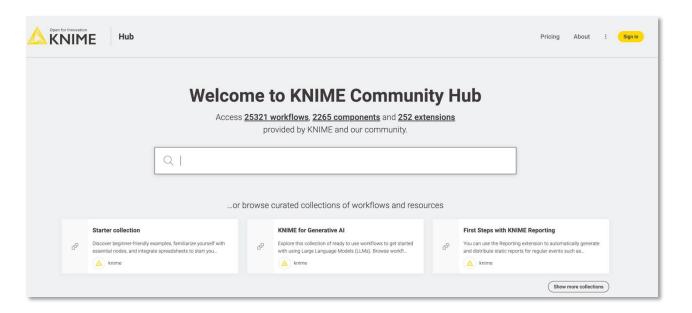
Nodes are combined to create
 Workflows





## What is the KNIME Community Hub?

 Online collaborative platform to learn the basics or get deeper into data science, discover community-built blueprints for your next project, or take first steps into automatically running your analysis with a subscription plan.





# **KNIME Learning Paths**

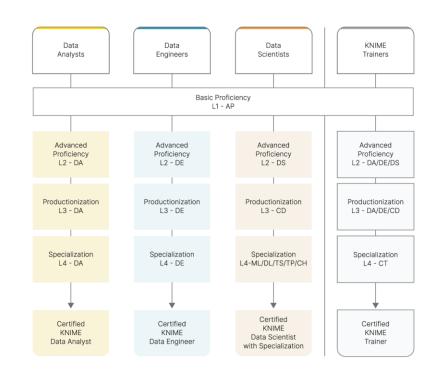
- Courses from level L1 to level L4
- Various professional profiles

#### Self-paced courses

 Videos and exercises at your own pace and for free

#### Instructor led courses

 Scheduled sessions and guided exercises in paid courses



Find the **next course** at:

knime.com/learning



## **KNIME Certification Exams**

- From level L1 to level L4
- Online examination
- Measure your expertise with KNIME software and data skills
- Get and share your badge!



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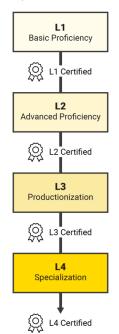






#### Teaching & Certifying

KNIME Expertise from level L1 to level L4



Get **certified** at:

knime.com/certification-program



### **KNIME Press - Books**



#### **Use Case Collections**

Collections of classic and more innovative use cases around specific topics



#### **Transition Booklets**

Offer an easy onboarding into KNIME from other tools



#### **Textbooks**

Well structured schoolbooks with plenty examples



#### **Technical Collections**

Collections of specific technical topics to keep you up to date

All KNIME Press books are available for download at:

knime.com/knimepress



# **Upcoming Events**

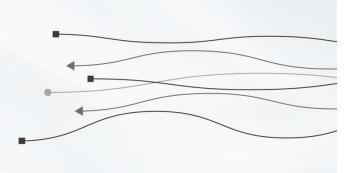
# **KNIME Spring Summit 2025**

Berlin, March 18 – 20, 2025 – Sign up <u>here</u>

# KNIME Spring Summit 2025

Berlin, Germany | March 18–20

Selected Sessions Available Online





# Register for the next KNIME 101 webinar





KNIME 101: 10 Tips and Tricks When Using KNIME

March 12, 2025 8:00 AM (CDT) | 3:00 PM (CET)



# Let's stay in touch











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Thank you

