KNIME

Build, collaborate, and upskill on data science

Why KNIME?

KNIME offers a complete platform for end-to-end data science, from creating analytic models, to deploying them and sharing insights within the organization, through to data apps and services.

Build analyses with an intuitive, low-code/no-code interface and genAI

- Perform analysis at any level of sophistication, from data prep to leveraging AI/ML including LLMs
- Generate workflows automatically with a genAI assistant and get guidance when you are stuck
- Eliminate repetitive and manual data manipulation with automated workflows
- Access and blend data from any source, whether from your desktop or from any major database or data warehouse
- Explore your data with interactive data views, choosing from dozens of charts

Collaborate on and share workflows across disciplines

- Collaborate on visual workflows, either privately with colleagues or with your wider organization
- Save and reuse repeatable data processes, analytical models, or scripts across disciplines
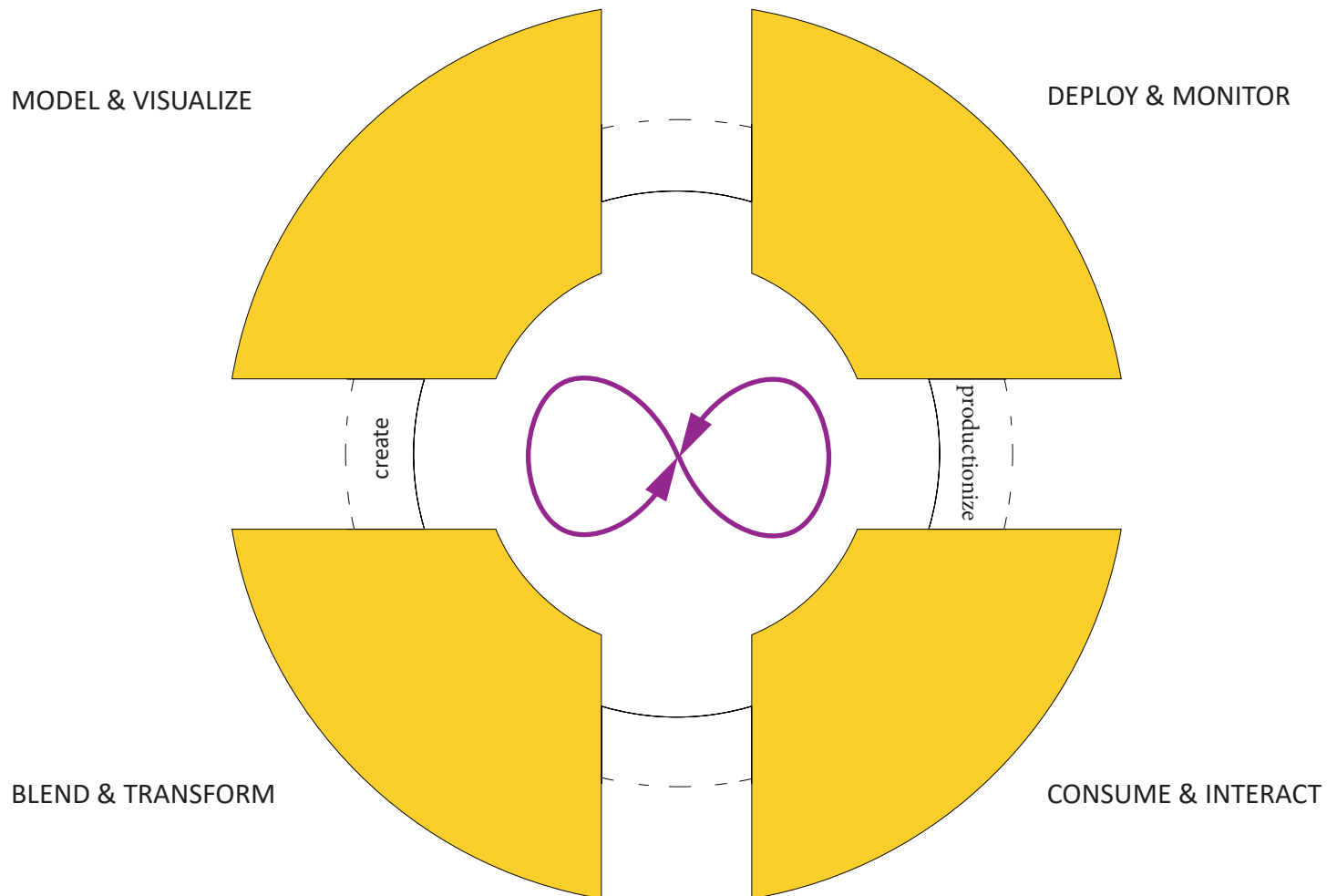- Collaborate effortlessly between multiple users with version control

Deploy and monitor insights across the enterprise

- Deploy your workflows as data apps or REST APIs, disseminating insights across the organization
- Automate the delivery of insights to any number of stakeholders across the organization
- Minimize IT bottlenecks with centralized administration, but with deployment monitoring at the team level
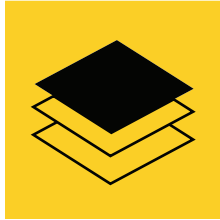- Scale to empower any number of users, running any number of workflows in a single environment

Consume and reuse

- Empower self-sufficiency with data apps provided to any number of end users
- Create a knowledge base for your team, department, or entire organization. Build and share reusable workflows as best practices or starter kits for beginners

A complete platform for data science

MODEL & VISUALIZE

DEPLOY & MONITOR

create

productionize

BLEND & TRANSFORM
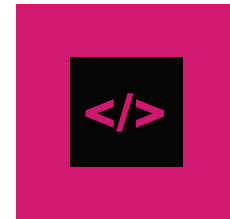
CONSUME & INTERACT

Empower all data users

Business & domain experts

- Access data & derive insights, without IT dependence
- Automate spreadsheet and other manual, repetitive data tasks
- Work with large datasets & advanced techniques, without code
- Use a library of blueprints and a genAI assistant for faster upskilling

Data experts

- Access all popular AI/ML libraries including LLMs through an open ecosystem
- Script in a language of your choice through pre-built integrations
- Collaborate, share and re-use with ease, capture domain expertise
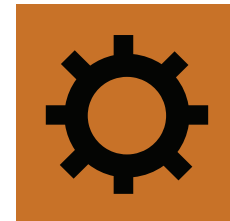- Create custom KNIME nodes & extend your platform

End users

- Gain insight from advanced analytics without any code
- Inject domain expertise into analytic models
- Bring data-driven decisioning with in-the-moment insights

MLOps & IT

- Automate testing, validation, deployment & monitoring & retraining of models
- Administer access for data security & governance in one centralized platform
- Continuously deploy and scale flexibly, on prem or in the cloud

Make sense of data, together