

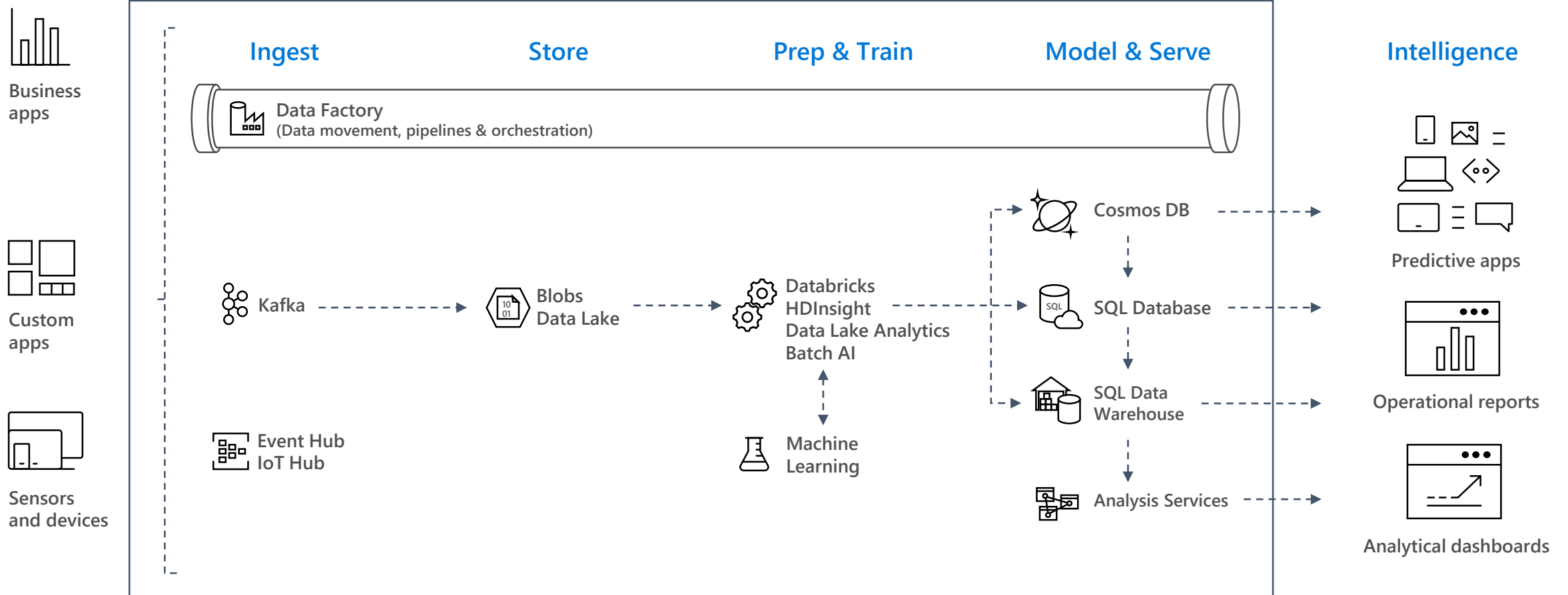
FROM MODEL TO PRODUCTION

Turning Microsoft Azure into data science platform

Michał Żyliński
Microsoft

[BETA]

MICROSOFT AZURE DATA SERVICES AT GLANCE

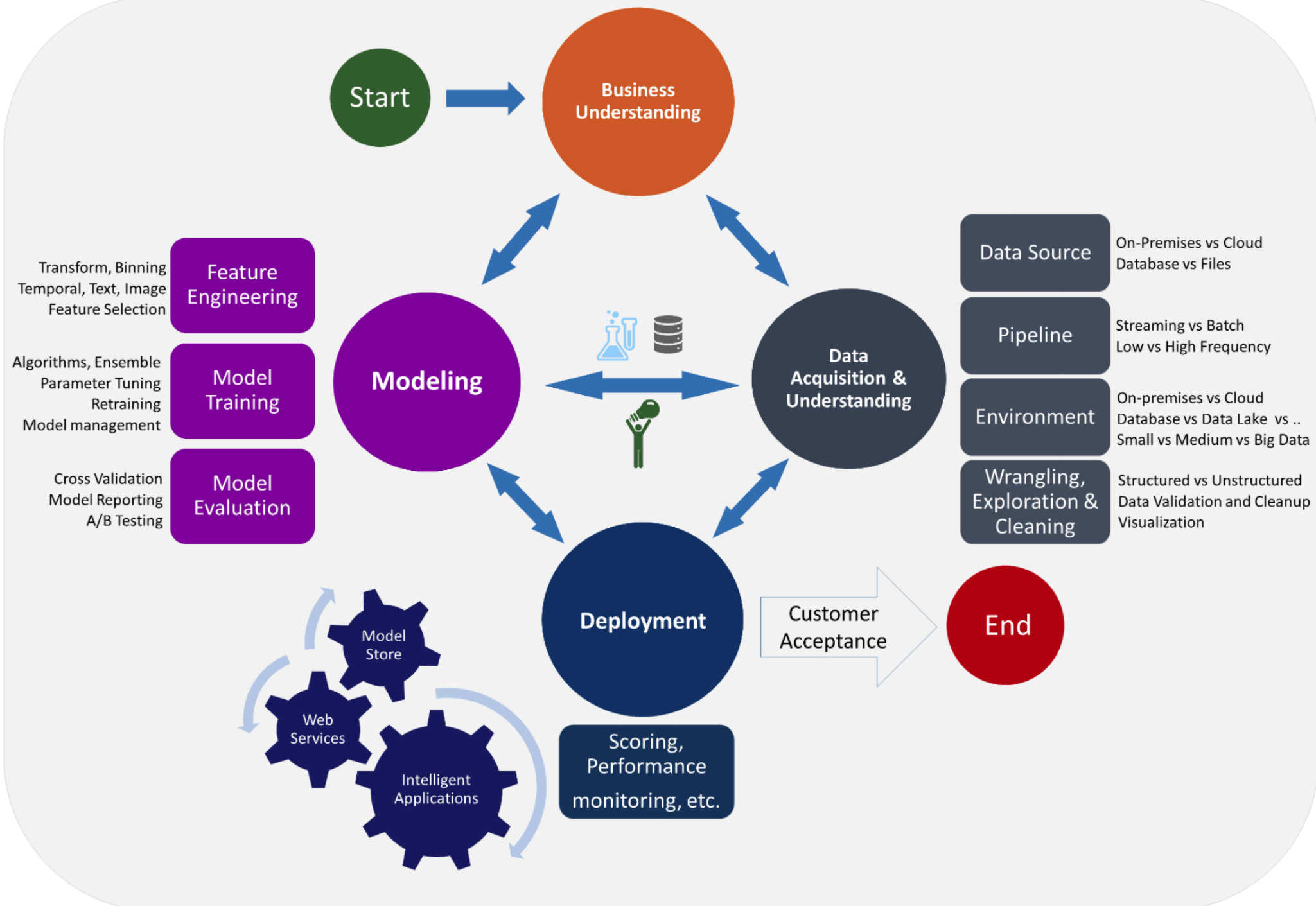


DATA SCIENCE & AI CHALLENGES

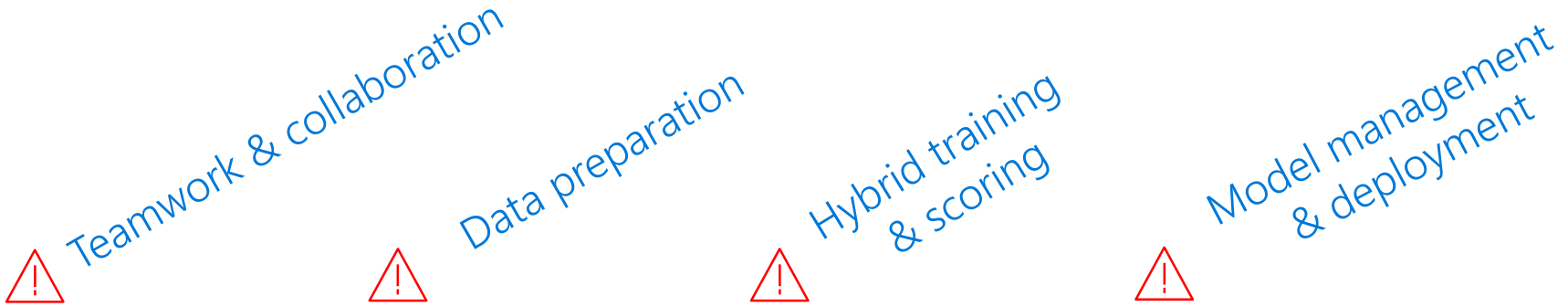
 Teamwork & collaboration

Accelerating adoption of
AI by developers

Moving high-end developers
into deep learning as non-
traditional path to DS / AI dev



DATA SCIENCE & AI CHALLENGES



Accelerating adoption of AI by developers

Moving high-end developers into deep learning as non-traditional path to DS / AI dev

Push scoring/inference to the event (edge, cloud, on-prem)

Growth of diverse hardware arms race across all form factors

Lack of open model standards and cross-framework collaboration

The directory '/home/sshuser/.cache/pip' or its parent directory is not owned by the current user and caching wheel has been disabled. check the permissions and owner of that directory. If executing pip with sudo, you may want sudo -E pip install ...

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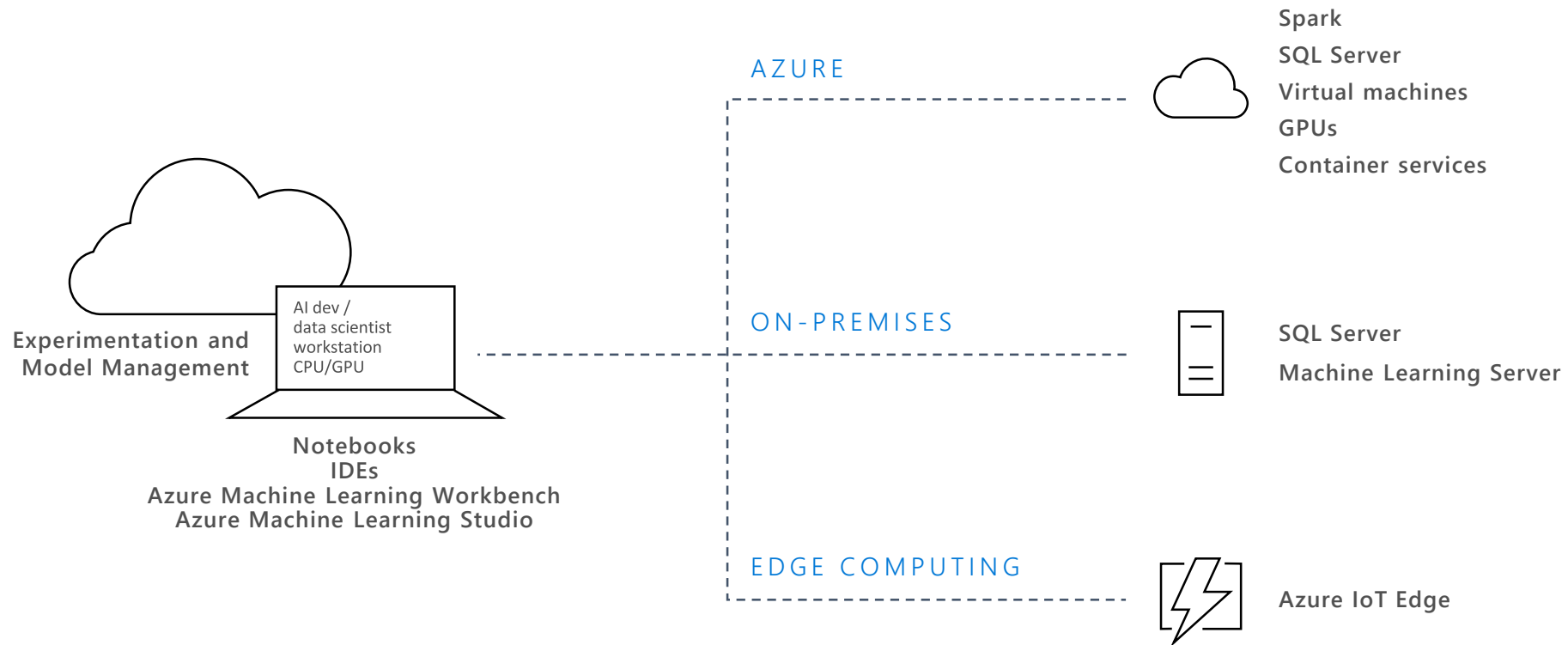
Azure Databricks



AZURE MACHINE LEARNING

AZURE MACHINE LEARNING SERVICES

TRAIN & DEPLOY OPTIONS



CALL TO ACTION

- Open standards
- Open platforms
- Open source

CALL TO ACTION

- Learn more at:
 - Microsoft Professional Program Data Science track (9 modules)
 - Microsoft Professional Program Big Data track (10 modules)
- References (in order of appearance):
 - [Microsoft Team Data Science Process](#)
 - [Azure Machine Learning Workbench](#)
 - [Microsoft Machine Learning for Apache Spark](#) (github repo)
 - [Open Neural Network Exchange \[ONNX\]](#) (github repo)
- Send complaints-feedback to ~~/dev/null~~ Michal.Zylinski@microsoft.com
 - Let me know if you'd be interested in deeper dive on this topics