

# Accelerating Access to Life-Saving Treatments to Patients

pumas<sup>AI</sup>

## Augmenting healthcare intelligence with predictive analytics that turn data into life-saving decisions



Our data-analytical tools help  
make data-driven decisions  
more efficiently



PumasCP



DeepPumas



Pumas



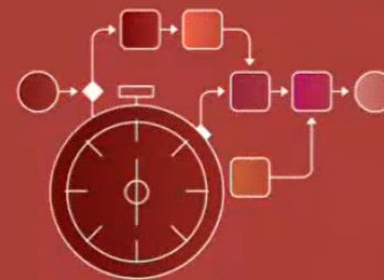
PumasQSP



We humanize technology to  
provide personalized  
treatments for patients



Lyv



Find the shortest development  
path for regulatory approval,  
with us



Scientific &  
Strategic Consulting

pumas<sup>AI</sup>

# Pumas Berlin Virtual Workshop 2025

Mohamed Tarek

# Instructor's background

- Senior product engineer at PumasAI Inc. (4 years)
- Background in engineering (BSc and MSc) and computer science (PhD)
- Main expertise in math and programming (not pharmacometrics)
- Contact: [mohamed@pumas.ai](mailto:mohamed@pumas.ai)

# Announcements

- Events: <https://pumas.ai/events>
- Resources: <https://pumas.ai/resources>
- Sales contact: [sales@pumas.ai](mailto:sales@pumas.ai)
- Consulting contact: [consulting@pumas.ai](mailto:consulting@pumas.ai)

# JuliaHub setup

- Cloud
  - Launch a custom instance (8 vCPUs and 32 GB of memory)
- Desktop installation
  - <https://pumas.ai/our-products/pumas/windows>
  - <https://pumas.ai/our-products/pumas/mac>

# Download the workshop material

- Download [https://github.com/PumasAI-Labs/Pumas\\_Berlin\\_Virtual\\_Workshop\\_2025](https://github.com/PumasAI-Labs/Pumas_Berlin_Virtual_Workshop_2025) as a zip file
- Upload the zip file to JuliaHub / VSCode by dragging and dropping
- Go to the terminal and type ``unzip Pumas_Berlin_Virtual_Workshop_2025.zip``