Hackathon + Community Day

BOSTON

OCTOBER 24 – 25

W BOSTON
100 STUART ST,
BOSTON, MA 02116

[Register for Boston](#)

BRUSSELS

NOVEMBER 14 – 15

MARRIOTT BRUSSELS GRAND PLACE
RUE AUGUSTE ORTS 3,
1000 BRUXELLES, BELGIUM

[Register for Brussels](#)

You spoke and we listened. You want a hands-on experience. Learn how to use the latest methods in analysis, machine learning and artificial intelligence using Pipeline Pilot. We've added a Pipeline Pilot hackathon day focused on hands-on experiences to our upcoming community days in North America and Europe. That's two days for you to build skills, learn new methodologies and discover the latest from Pipeline Pilot. You can choose to **join us for the Hackathon, Community Day, or both**. Lunch is complimentary.

When you join us, you will **learn how to solve real-world problems** with Pipeline Pilot. You don't need to be an expert in Pipeline Pilot or machine learning to participate -- all experience levels are encouraged to join! We look forward to seeing you there!

Hackathon (Day One): the inaugural Pipeline Pilot Hackathon will explore timely topics such as the Internet of Things, Predictive Maintenance, Lab Automation, Artificial Intelligence/Machine Learning, Cloud Integration, Next Generation Sequence Analysis, Formulation Optimization, compound engineering for target drugs and more in a collaborative and fun environment.

Community Day (Day Two): we'll focus on building skills, learning new methodologies and discovering the latest from Pipeline Pilot. Hear from colleagues about how they're creating innovative solutions to difficult problems. **Share your story as a presenter/speaker**. Discuss what you love about the product and what you'd like to see improved.

Speaking/Presenting Opportunities

Our Community Day offers two formats for you to share your Pipeline Pilot story.

- **20 minute presentations**

- **Informal 6 minute "lightning round" talks**

In the registration form for the event, there is a place to indicate if you would like to speak in either the 20 minute or 6 minute formats. If you choose the 20 minute format, please send an email to alexander.orona@3ds.com. If you decide that would you like to speak after you have registered, please email our product manager (Alex Orona). The link below will generate an email request. You'll hear back from Alex about the status of your request.

[Request to Be a Speaker](#)

Agenda

Hackathon

October 24 (Boston), November 14 (Brussels)

Format

Skill Range: Beginners to Experts

Equipment: Bring a laptop with the Pipeline Pilot Pro Client installed. A few extra laptops are available from the organizers if you need help.

The Pipeline Pilot Hackathon will take on some of the most challenging topics confronting enterprise today. You'll join a team of other participants. Each group will have 8 hours to tackle one of our real-world challenges. Process, transform and analyze that challenge's data. Come up with new insights. Improve your skills. Build your professional network.

Our problems are open-ended, so you will have the flexibility to choose a challenge that has known answers or venture into the unknown with exploratory analytical techniques. The Pipeline Pilot experts will help your group through the problem. Collaborate with your peers. Master new Pipeline Pilot skills. Develop new product ideas. Explore the frontiers of data processing and analysis.

Registration starts at 9:00 am. The Hackathon begins at 9:30 am. Participants will indicate which challenge they'd like to work on. Organizers will help participants form groups of 4-6 people. You'll have until 5:00 pm to work on your challenge. Lunch is at noon. Dinner is unscheduled. Join your colleagues or continue hacking!

Challenges

Predictive Maintenance + Internet of Things (IoT): tune out the noise to predict when the engines will fail. This challenge is great for those looking to get hands-on experience in analyzing data from sensors.

Bioinformatics: Solve a variety of genomics challenges using Pipeline Pilot's biology collections.

Formulation Optimization: develop protocols to evaluate how well your candidate formula performs.

Chemistry: Iteratively engineer compounds to match a target drug profile. Improve your design using ML techniques.

Propose Your Own: Don't see the theme that interests you on this list? Request it! Send your ideas to our new product manager.

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Hackathon Schedule

	DESCRIPTION	TIME
Registration	Registration and check-in	9:00 am
Hackathon Orientation	Hackathon Welcome. Introduction to the problem. Participants form groups based on the challenges they'd like to work on.	9:30 am
Hackathon	Groups work on their selected challenge.	9:45 am
Hacking Lunch		12:00 pm
Hackathon	Groups work on their selected challenge.	1:30 pm
Networking Drinks		5:00 pm

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Community Day

October 25 (Boston), November 15 (Brussels)

Community Day Schedule

ITEM	DESCRIPTION	TIME
Registration	Registration and check-in if you didn't have an opportunity on the previous day.	9:00 am
Welcome and Introductions	Community Day Welcome	9:30 am
Pipeline Pilot Updates and Product Roadmap	From product build to new components, learn the latest updates and roadmap from the R&D experts. Includes Roadmap Update	9:45 am
Customer Presentations	Hear from your fellow attendees about how they're creating innovative solutions to difficult problems. 3-5 customer presentations	10:00 am
Customer Presentations	Tell us about how you use Pipeline Pilot. Bring your best Pipeline Pilot stories or narrate your story on-the-fly. We're all ears.	11:00 am
Networking Lunch		12:00 pm
Customer Presentations	Sharing Experiences. Peers will share examples or short presentations of their use cases of Pipeline Pilot. Participants will present 15 minute presentations or 6 minute talks.	1:30 pm
AI-Driven Molecular Design	We're starting a new initiative in utilizing AI and machine learning to design new molecular entities. We invite your input and participation in this innovative project.	2:30 pm
BREAK		2:45 pm

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Into the Deep: Machine Learning Using Pipeline Pilot	We'll cover some cool techniques from machine learning that you can implement right away.	3:00 pm
Pet Peeves	Every product has its quirks. Let us know about things that bother you the most. We're always looking to work out the kinks.	3:15 pm
Tips and Tricks	Our developers have some crafty tricks to save you time and energy. We're here to share them with you.	3:30 pm
Presentations from Hackathon participants of their projects. Hackathon Awards.	You hacked your way to a solution. Now, share it with the group. Hackathon teams present their project to participants. We present awards for:	4:00 pm
Networking Drinks		4:30 pm

Contacts

PIPELINE PILOT PRODUCT MANAGER

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BIOVIA COMMUNITY DAY EVENTS COORDINATOR

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<- Direct calls to Alex Orona

Other BIOVIA Community Day Events

You are invited to hear from the experts at any of the complimentary BIOVIA Community Days. Learn insights and new developments of your BIOVIA applications. The agenda will feature expert presentations from current customers and BIOVIA product specialist. The day will highlight core capabilities and advanced topics, tips and tricks, customer case studies, and interactive sessions providing input into the future products. Register today by selecting a product above.

Visit the 2018 Community Day Website

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