

NorthBay JAM Sessions for Higher Education

Unlock Data-Driven **Insights to Improve Operational Efficiencies**

Smart college and university campus buildings use IoT devices to enable remote monitoring and management of temperature, lighting, and security cameras in order to improve energy efficiency, productivity, and safety. Sensors are essential to making buildings smarter, in that they enable collection of real-time data. Equally as important is a robust centralized data platform that can ingest disparate sets, facilitate analysis, and uncover insights for keeping buildings operating at an optimal state.

However, securing investment budgets for non-revenue generating facilities initiatives can be challenging for stakeholders. Success also largely hinges on partnering with IT to develop and operate a sophisticated centralized data platform, but many IT leaders struggle to get the approval they need to move forward. Too often, they are wrestling with outdated data infrastructures, insufficient data governance systems, and understaffed teams that may not be resourced sufficiently to tackle data analytics initiatives.

How NorthBay JAM Sessions for Operational Efficiencies Help

NorthBay JAM Sessions are immersive workshops purpose-built to help universities start unlocking the data-driven insights that can enable them to increase efficiency and promote a more sustainable future. University teams work side-by-side with NorthBay's AWS experts to build a strawman data platform in just 10 days.

With a technology solution capable of ingesting, unifying, and analyzing environmental data captured from HVAC and other systems, IT teams can:

- React to information collected from classroom, administrative, and activity buildings in real time
- Control the temperature and adjust the indoor climate according to environmental changes
- Improve energy efficiency and comfort levels for students, teachers, and administrators

Objective:

- Build a prototype IoT solution to collect data from sensors to regulate temperature promote a sustainable future

Attendees:

- The University Facilities and IT Teams
- NorthBay IoT Engineering Team

Overview:

- Participate in 10 days of immersive collaboration with the NorthBay team
- Use your data to learn quickly, conduct POCs, and identify and mitigate potential blockers
- Execute against a high-level architecture
- Develop a business case
- Set daily goals and conduct end-of-day retrospectives to measure progress

Qualified institutions are eligible for funding from AWS and NorthBay to offset a portion of this investment.

NorthBay and AWS: Better, Together

NorthBay and AWS help higher education institutions navigate functional and operational challenges while accelerating time to value and removing major risks along the way. In addition to JAM Sessions, we provide a full set of Data Platform Accelerators, which are unique and proven processes and best practices to help university IT leaders:

- Gain approval to get the project approved
- Showcase the value centralized data to stakeholders
- Become confident that your people can be successful in the AWS cloud
- Know that your existing team can run the platform at scale

NorthBay Higher Education JAM Sessions

In addition to operational efficiencies, NorthBay offers the following JAM Sessions purpose-built for higher education:

Recruiting and Enrollment Pipelines

Identify more qualified candidates and improve acceptance rates with a streamlined, customized application process.

Student Success

Enable advisors and faculty members to detect at-risk students and proactively reach out to them.

Advancement

Provide more personalized experiences for active alumni, donors, and other key stakeholders.

To learn more about NorthBay Higher Education JAM Sessions for Student Success, and if your institution is eligible for funding from AWS and NorthBay to offset a portion of this investment, contact info@northbaysolutions.com

Why JAM Sessions with NorthBay

As cloud adoption continues to become a primary focus and a necessity for most companies, IT teams can feel the pressure of change. From a need to up-skill and add new cloud competencies, to the unknown risks lurking around the corners, IT leaders are looking for ways to quickly move forward. NorthBay's world-famous JAM Sessions will arm your team with the ability to understand the concepts, organize the strategy, and define the practical steps to remove risk and improve the overall success for your organization.



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