

IMPETUS

Data Labs

Incubate. Innovate. Accelerate.

Fast-track alignment of your business and tech strategy with frameworks proven to deliver the results you need



Design Lab

Are you struggling to find an ideal solution or architecture for a pressing problem?



Are you unsure how to deploy a solution and need to kickstart a prototype?



Build Lab



DESIGN LAB APPROACH | 1 - 2 Day Duration

Solution Design and Architecture Recommendations

Pre-lab

1. Establish use case objectives and end goal
2. Document requirements for teams and attendees
3. Determine meeting logistics (e.g., supplies, projectors, web video)
4. Confirm data access

Lab

1. Whiteboard architecture patterns / anti-patterns
2. Identify current-state constraints
3. Discuss recommendations with experts
4. Design target architecture, solution, and data utilization

Post-lab

1. Create post-lab reports and recommendations
2. Document the next steps
3. Design framework for Build Lab

BUILD LAB APPROACH | 3 - 5 Day Duration

Validated Architecture and Prototype (MVP) for Production

Pre-lab

1. Confirm lab goals (MVP and stretch)
2. Review notional architecture design
3. Ensure customer team readiness
4. Prepare development environment and data access

Lab

1. Create iterative build with customer data and technology environment
2. Identify and mitigate technical roadblocks
3. Validate solution and architecture
4. Finalize roadmap and release plan
5. Identify measures for success

Post-lab

1. Create a post-lab report with a future roadmap
2. Review with the lab delivery team and account leadership
3. Finalize outcome measurement
4. Plan for project implementation

* Design and Build Labs can be structured together as one lab experience

Ready to get started? Visit the lab at <https://www.impetus.com/solutions/data-ai-labs/>

Labs are structured to address your desired use case across common analytic dimensions



AI & ML

- GenAI readiness and deployment
- Feature engineering pipeline
- Data sharing, enrichment, and monetization
- Custom AI solution development
- Create AI/ML platform (e.g., MLOps)
- Data value chain shift from assets to products



Data Lakes & Analytics

- Data unification
- DataOps
- Data Lake design and build
- Data pipelines to support event driven and real/near real time needs (e.g., streaming)
- ETL/ELT modernization and migration



Databases & Enterprise Applications

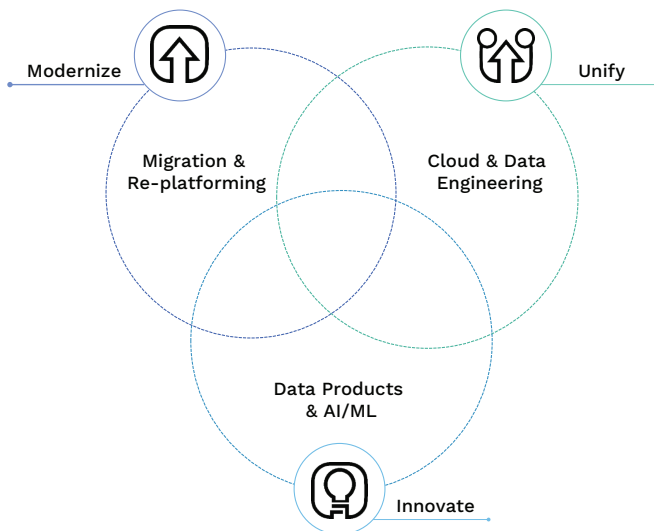
- Legacy on-prem or cloud to cloud migration
- Decoupling monolithic architecture into micro-services
- Hybrid and multi-cloud target states



Application & Infrastructure Modernization

- Serverless containers to enable DevSecOps patterns
- Build end-to-end serverless applications
- Migrate and refactor legacy apps for the cloud
- Low/no code development of "data rich" apps

Use our cloud and data engineering competitive edge to your advantage



Demonstrable success and experience

- Creating petabyte-scale data platforms, both cloud and on-prem
- Deploying complex data engineering infrastructure on the cloud
- Delivering with a product engineering mindset
- Laying the foundation of data-as-a-service and analytics-as-a-service
- Operationalizing AI/ML models at a massive scale
- Designing cost-optimized architectures and solutions

Impetus, a global presence

North America

Latin America

Asia-Pacific

Europe, Middle East, Africa



Advanced Consulting Partner



Elite Partner, Migration Partner of the Year 2023 AMER



Elite Partner



Build and Service Partner



Gold Partner

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