

“Technology enabled rapid response fresh food supply chains”

Automated Platforms Workshop

Leroy Vargis, Hector Flores, Rodrigo Ulloa
International Logistics and Productivity Improvement Laboratory
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<http://ilpil.asu.edu/>



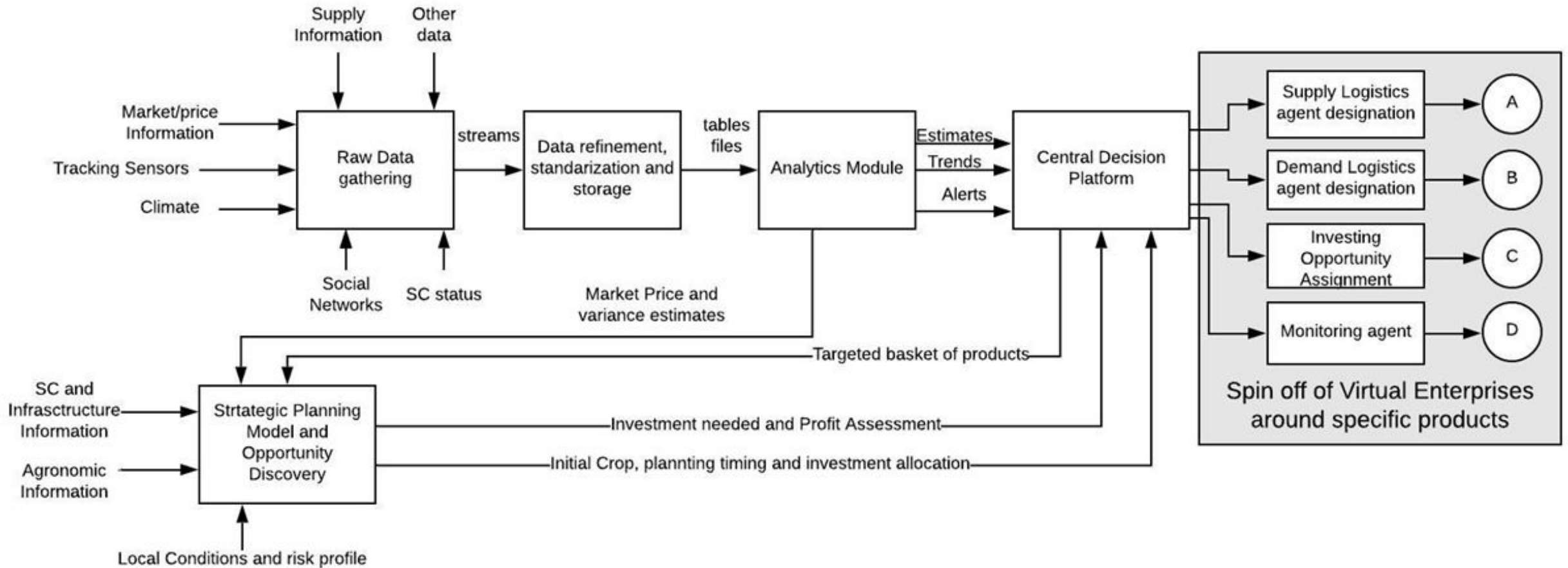
Agenda

- Discuss Deliverable Timelines
- Define Scope
- Discuss Elements
- Discuss Project Management Plan Revisions

Deliverables

- ❑ Initial Data Dictionaries of Market and Logistics Data Streams.....(6 months)
- ❑ Initial Platform for Market and Logistics Data..... (12-16 months)
- ❑ Open Access Agronomic-Potential Module..... (12 months)
- ❑ Open Access Planting and Planning Module..... (12-16 months)
- ❑ Initial Market Intelligence and Analytics Module..... (18 months)
- ❑ Beta Prototype of Supply Side Platform..... (24 months)
- ❑ Initial Market Negotiation Platform..... (24-26 months)
- ❑ Prototype of Integrated Platform..... (24-32 months)

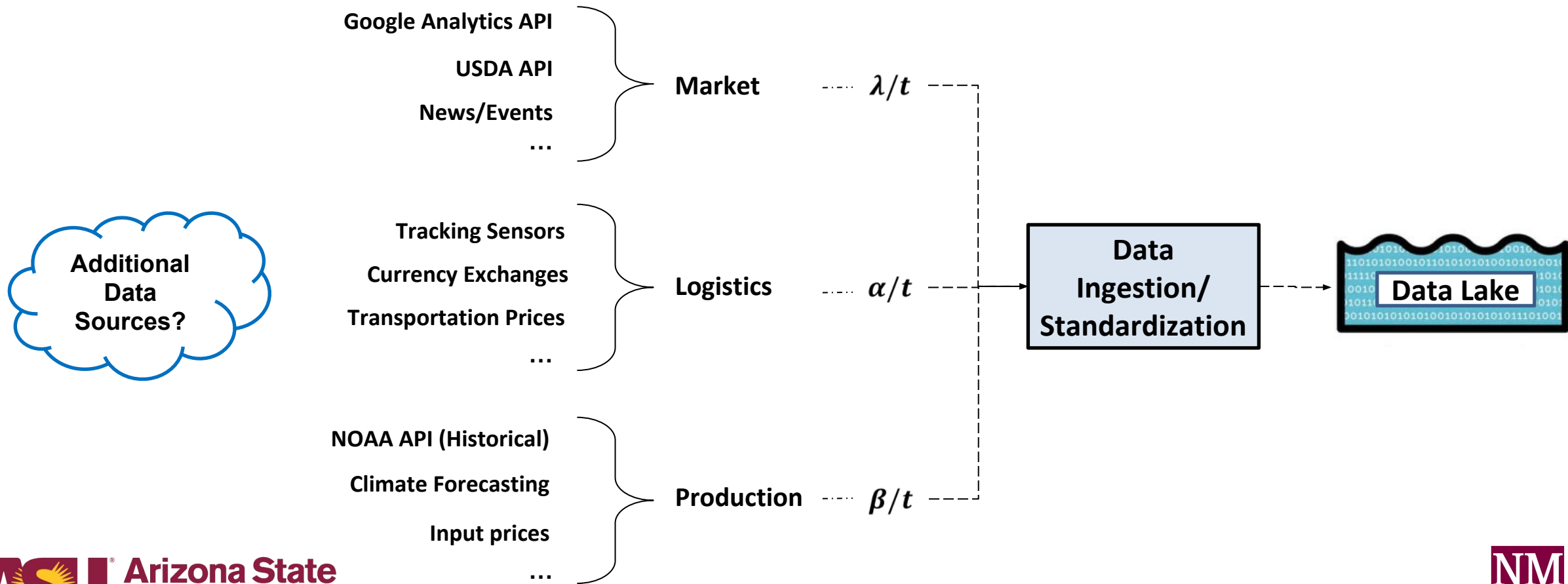
Platform Scope



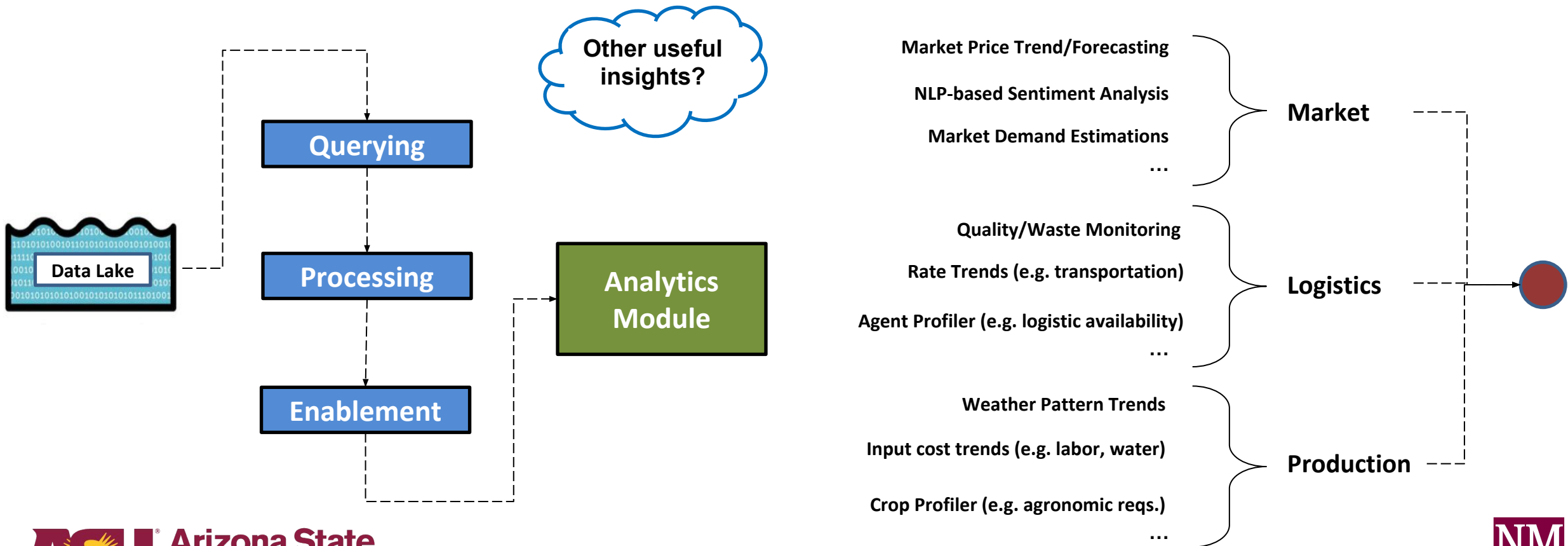
Elements

- Data Collection, Processing and Visualization**
- Assessment of Opportunities**
- Formation of Virtual Enterprises**
- Matching Investors with Right Opportunities**
- Transparency**
- Traceability**

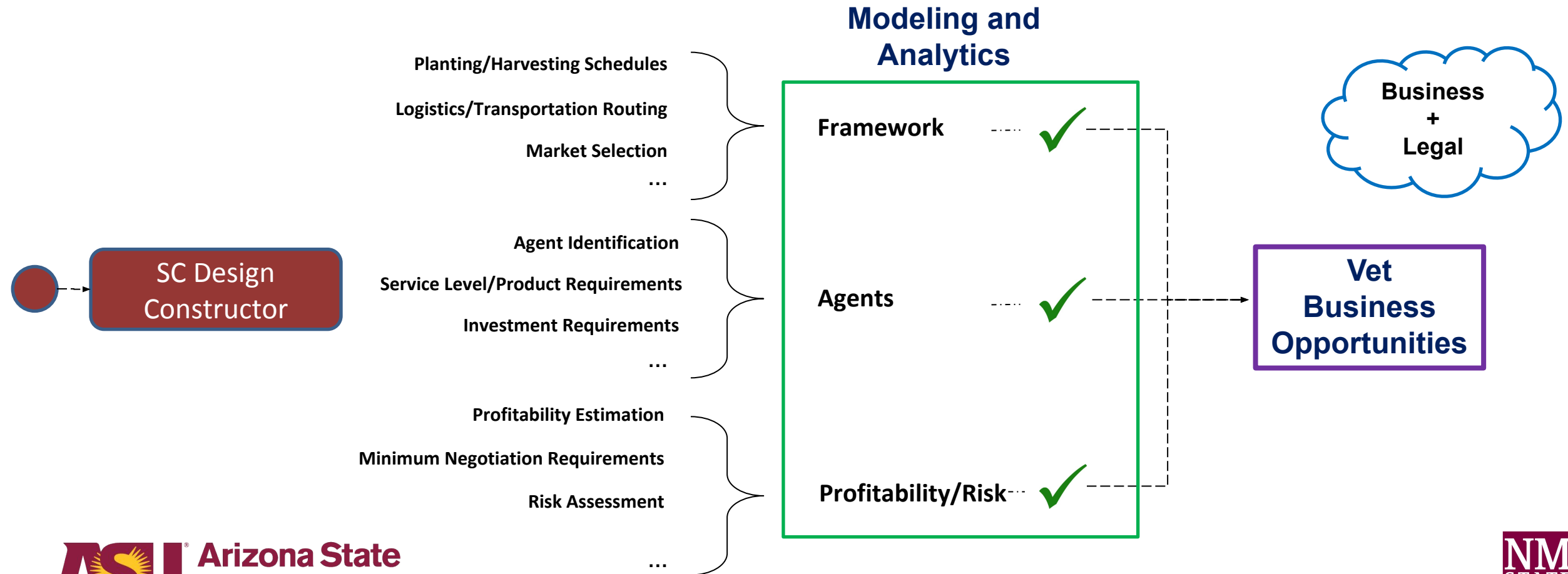
Automated Data Monitoring and Retrieval



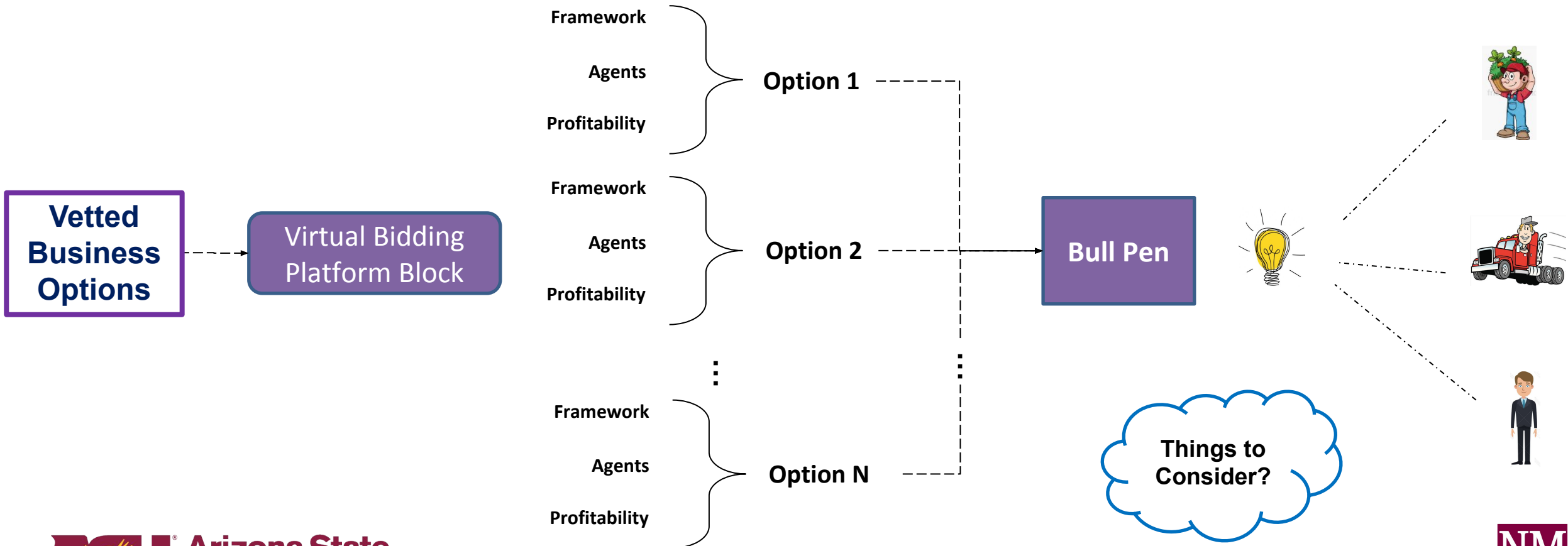
Automated Processing and Analytics



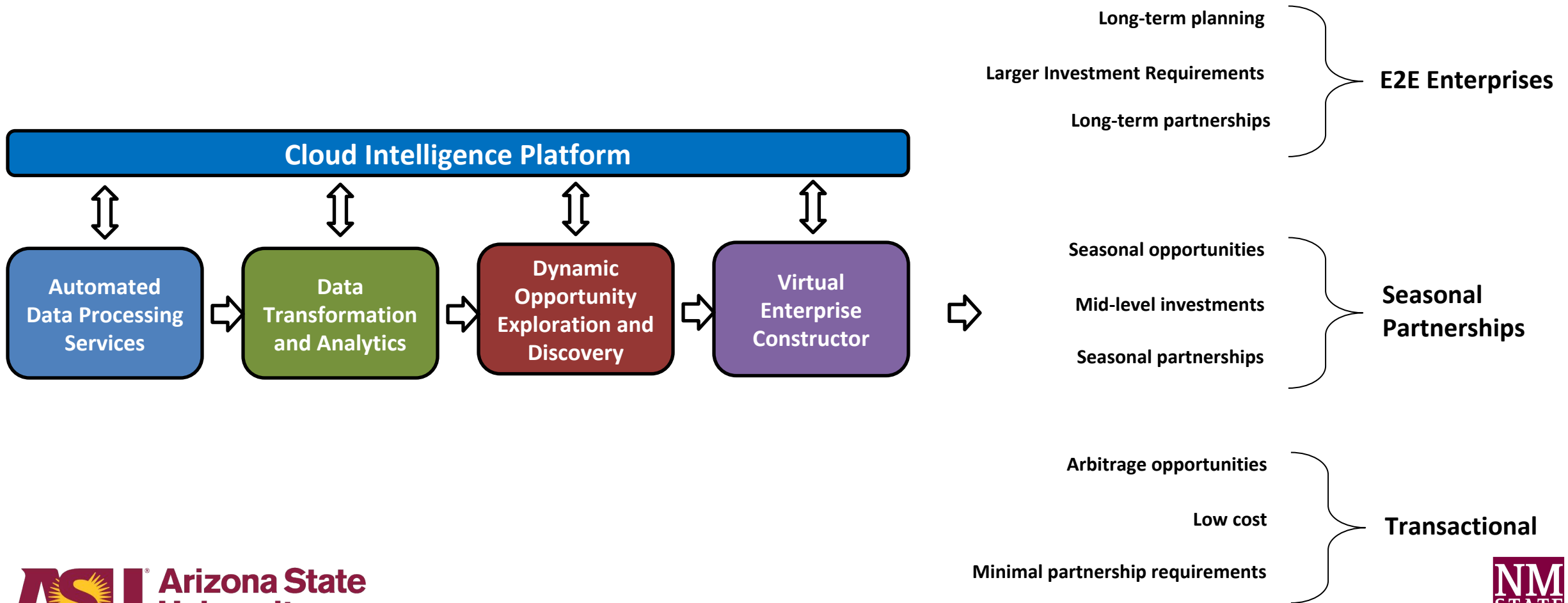
Opportunity Construction and Assessment



Matching Investors with Vetted Opportunities



Virtually-Enabled, Enterprise Formation



... With Transparency in Mind

SC Design
Constructor

- Planting/Harvesting Schedules
- Logistics/Transportation Routing
- Market Selection
- ...
- Agent Identification
- Service Level/Product Requirements
- Investment Requirements
- ...
- Profitability Estimation
- Minimum Negotiation Requirements
- Risk Assessment
- ...



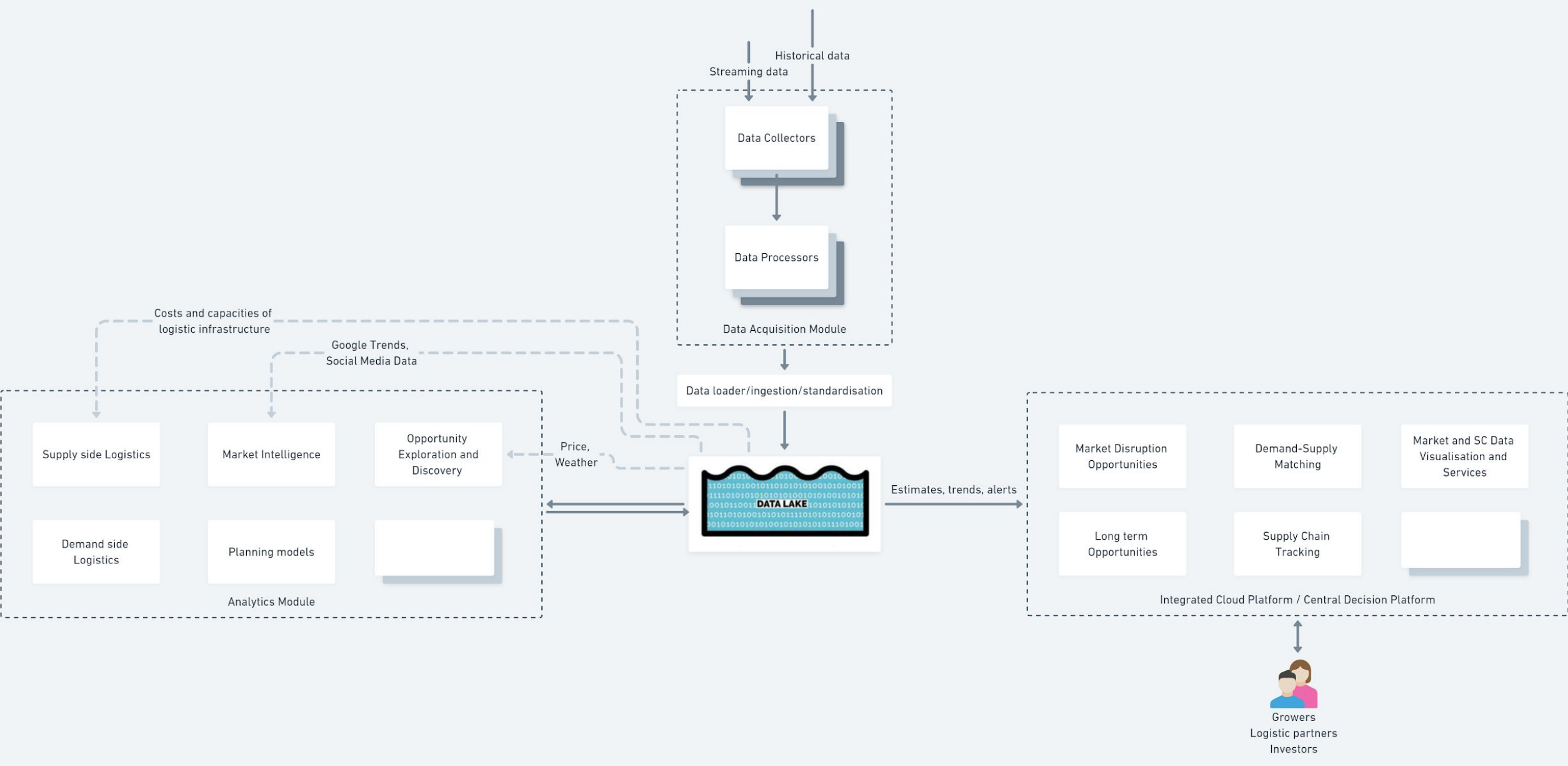
- Transparency**
 - ✓ Requirements
 - ✓ Levels
- Contract**
 - ✓ Enablement mechanisms
 - ✓ Hands-off vs. "Fairness"



Thank you.

Research presented partially sponsored by:





Example

