



Dynapt

**ANALYTICS
AS A SERVICE**

 **Microsoft**
Solutions Partner



ABOUT DYNAPT & THE TEAM

Recognitions



- Coveted Microsoft Solutions Provider – Data & AI, Infrastructure and Application Development
- Business Leadership Award from Indian Achiever's Forum
- Winner of Dell-EMC Award for business excellence
- 1st Runner-up for NASSCOM AI Hackathon

Technology Lineage



- Cutting edge solutions in AI, NLP, Deep Learning, IOT and Video optimization domains
- Public & Private Cloud Expertise: Transforming multiple cloud projects and applications across domains in Analytics, Big Data, Media, ERP/SAP migrations, Hybrid Cloud Enablement & Building New Cloud Native Apps

Offices & Partners



- Sales:
 - USA – Austin, Texas
 - UAE - Dubai, Australia - Canberra,
 - Canada – Calgary, India – Delhi,
- Software Development Center:
 - Austin, USA,
 - Cairo, Egypt
 - Delhi, India



FLAGSHIP CUSTOMERS



TCNS Clothing Company Pvt. Ltd.



STEMZ
keeping you healthy



Microsoft

PREDICTIVE ANALYTICS DRIVERS

Real-time Analytics	Machine Learning	Predictive Maintenance
Challenges		
<ul style="list-style-type: none"> • Longer processing time • Storage limitation • Delayed analytics • Stale Reporting • High maintenance 	<ul style="list-style-type: none"> • On demand database needed • Inefficient system • Not able to match the speed • Not able to ingest external system on time • Compute and storage capacity limitation 	<ul style="list-style-type: none"> • Massive data caused complex data ingestion and exploration • Scalability • Not able to train and produce predictive maintenance models
Azure Data Platform features		
<ul style="list-style-type: none"> • Limitless scale, Unified platform, Reduce data loading time, Near real time processing 	<ul style="list-style-type: none"> • SQL Database Hyperscale, Data Lake Storage Gen 2 for data, Near real-time inputs, Speed-up time to insight, Exploration without impacting existing operations, Periodic training and enhancements of models 	<ul style="list-style-type: none"> • Ability to generate insights from raw data, Use of existing tools, In place visualization help to find abnormal events faster
Outcome		
<ul style="list-style-type: none"> • Complexity reduced, Speed improved, Accurate and near real-time information is available, Unified platform led to unified team • Faster decision making 	<ul style="list-style-type: none"> • Time reduced for model training, Ingest large dataset quickly, Ingest knowledge and experience from other systems, New security features, Less learning curve, using existing knowledge base to drive results. 	<ul style="list-style-type: none"> • Easier and quicker to build complex predictive maintenance models, Easier Native integration between Synapse and Power BI, Limitless scale, Ease of adoption

DYNAPT'S APPROACH

Assessment

Create awareness and envision the role of a modern data and analytics platform for customer utilizing Azure Services both Public & On-Prem. Assess the current situation and generate a roadmap and proposal for MVP.

Step 1. Envisioning Assessment
(1-2 weeks)

Develop MVP

Set blueprint for the organization for enablement of (hybrid) Azure Data & Analytics cloud services and future readiness. Implement a quick MVP to showcase the capabilities with a small use-case. Enhance the future roadmap.

Step 2. MVP (4-6 weeks)

Add More

Migrate other use-cases and continue to engage if customer requires. use following services to bring automation and agility:

- Cloud Governance & Accountabilities
- Process Maturity
- People Readiness

Step 3. Complete Modernization

POWER BI IN A BOX PROGRAM (4 WEEKS)

Your 4-Step Power BI Success Journey

Our team of certified specialists will guide you through a 4-week engagement to accelerate your Dashboard/Visualization journey with Microsoft Power BI



WEEK-1

- Assess data environment.
- Create high-level roadmap and system architecture.



WEEK-2 & WEEK-3

- Setup Azure Infrastructure for POC.
- Enable data ingestion.
- Build visualizations in Power BI.



WEEK-4

- Conduct Workshop to educate team on implementation process, pain points and mitigation plan.
- Socialize POC results.
- Knowledge Transfer: Codes and all artifacts for next level references.



THANK YOU



Dynapt

Your Trusted Analytics Partner™

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DATA & AI ACCELERATORS IN RETAIL

Retailer

- Predictive Marketing
- Sales Forecast
- SKU Assortment Optimization
- Employee Insights
- Flash sales
- Sell through

Customer

- Personalized offers and customer retention
- Customer Feedback and Analytics



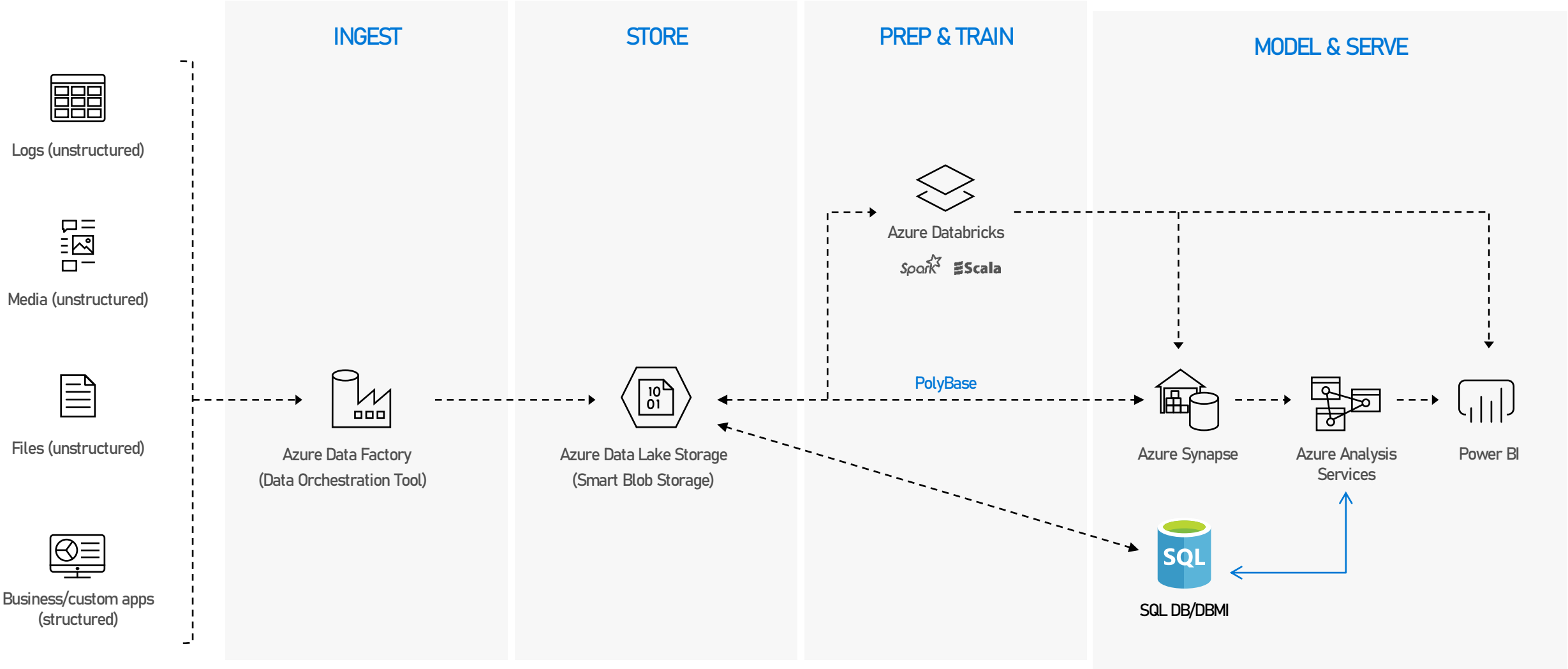
Warehouse

- Demand Forecast for Shipping & Distribution
- Price & Inventory Optimization
- Anomaly Detection
- Product/Category ranking
- Estimated WoS (weeks of supply)

E-Commerce

- Personalized Offers
- Predictive Marketing
- Commerce Chatbot
- Abandoned cart
- Bounce rate

TECHNICAL ARCHITECTURE EXAMPLE



Microsoft Azure also supports other Big Data services like Azure HDInsight and Azure Data Lake to allow customers to tailor the above architecture to meet their unique needs.