



# Digital & Analytics

by HCL Technologies

**POWERING THE  
21<sup>ST</sup> CENTURY ENTERPRISE**

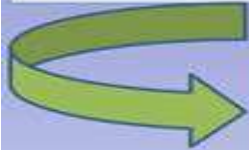
## D&A Microsoft Azure Data & Insights Chapter

**HCL**

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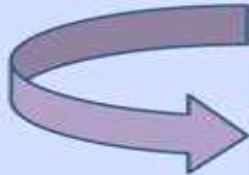
# What is Chapters

- Has Knowledge/Experience in Azure Data & AI or MSBI ?
- Are you working in the same project for a long time and want to learn/enrich/explore new things in addition to your project work ?
- Want to get experienced on Presales ?
- Want to contribute for Whitepapers/Case studies ?
- Want to work on Big Bet Solutions/Themes recognized by DNA Leadership team ?
- Want to do any Certifications ?



## What you can do

- Share Knowledge what you know
- Get Knowledge on new technology from the Practice/Microsoft trainings
- Contribute in Whitepapers/Case studies/Reusable solution
- Help in interviews Offshore/Onsite
- Get Exposure to work in Presales/Customer calls
- Become a Expert in solving technical problems outside your account with new business case
- Showcase your expertise in Knowledge sharing sessions
- Contribute in Big Bet Solutions
- Participate in BI-Focal lens/Newsletter



## What you can get

- ❖ Get recognition from Leadership team & Microsoft team
- ❖ Win Microsoft awards such as Stalwarts Award, Expert Award and Appreciation Awards etc.,
- ❖ Get Free Microsoft Certification vouchers
- ❖ Get nominated for external trainings/events
- ❖ Chance to work on a Early Adopter program directly with Microsoft
- ❖ Career Plan in moving up the ladder
- ❖ Fulfill your Goals & Objectives on the Practice contribution
- ❖ Get a chance to work in the dedicated Practice role



# DIGITAL & ANALYTICS - Microsoft Practice Snapshot

## Azure Data & AI Offerings

- Analytics Pathways
- Data for Digital Transformation
- Data Lake Services
- EDW Development & Sustainance
- Big Data on Azure
- Cognitive Services



## Enterprise Productivity Services

- Platform Modernization
- Workforce Transformation
- Wisdom Modernization
- Innovative Learning & Training
- Multivariate Networking
- Collaboration
- Search
- Portals

**150+**  
customers

**2500+**  
consultants

**STRONG DELIVERY  
EXCELLENCE ON MICROSOFT  
Gold Certified Partner**

**DELIVERING INNOVATIVE  
SOLUTION USING BEST  
BREED TECHNOLOGY AND  
EMPLOYEE EXPERIENCES  
WITH QUALITY AND AGILITY**

## App Modernization

- DNA Pathways
- SAP on Azure
- Cloud Migration Framework
- Migration and Consolidation
- App Modernization
- Cloud Service Management
- Service Orchestration



## Application Offerings

- DevOps
- Architecture Modernization
- App Migration
- Architecture Consulting
- Mobile Apps using Xamarin
- APP center Integration with CAMP

Analytics  
**550+**



App  
Modernization  
**400+**

Enterprise  
Productivity  
**650+**

Modern AD  
**200+**

Cloud Services  
**400+**

## Microsoft Relationship

Gold Certified Partner  
TAP Partner for SQL Server  
MS Premium Support  
Dedicated PSA  
50+ Joint Engagements / Wins  
Trainings and Partner Sessions



# Chapter Initiatives

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- Technical Article publication – BI-Focal
- Architect Ladder Program
- Expert Talk Program
- Hackathon
- Solution Contest
- Technical Forum
- Microsoft Certification benefits
- Presales/Practice Role
- Best Practices/Point of Views/Case Studies
- Microsoft Event participation
- Recognition from Microsoft on Top contributors

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## Teams Form to fill

[https://forms.office.com/Pages/ResponsePage.aspx?id=N-edGDrJWk-LaG9MqZQZEhGyx9wNI\\_dMgbC3eoBHVrtUREI3T0hYNU1GMFFNQUE5MFVNODIYMUIJRyQIQCN0PWcu](https://forms.office.com/Pages/ResponsePage.aspx?id=N-edGDrJWk-LaG9MqZQZEhGyx9wNI_dMgbC3eoBHVrtUREI3T0hYNU1GMFFNQUE5MFVNODIYMUIJRyQIQCN0PWcu)


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## Architect Ladder Program


# Technical Article publication – BI-Focal



## Azure Data Lake Analytics vs HDInsight – Functional and Price Comparison



Azure Data Lake Analytics has been designed on top of Azure Data Lake for On Demand Compute / Analytics but HDInsight continues to be a good alternative due to its presence and connectivity.



Shikha Gupta has over 13 years of work experience. She has worked in multiple MSBI projects including MS Sales and Cloud and designing the Software Inventory Logging Aggregator. She is currently working in Azure Cortana Analytics Domain and has good experience in Power BI reporting.

This article provides a comparative overview of the Microsoft Azure Data Analytics architecture and Azure HDInsight.

**Azure Data Lake Analytics:**  
It is an on-demand analytics job service to simplify big data analytics with no infrastructure to manage.

- ✓ Allows to develop and run massively parallel data transformation and processing programs in U-SQL, R, Python and .NET over petabytes of data.
- ✓ You can process data on demand, scale instantly and only pay per job.
- ✓ Optimized to work with Azure Data Lake - providing the highest level of performance, throughput, and parallelization for your big data workloads but can also work with Azure Blob storage and Azure SQL Database.
- ✓ Integrates seamlessly with your IT investments.
- ✓ ADLA is based on YARN, the same as the open-source Hadoop platform.
- ✓ Pricing is transparent in the form of Analytics Unit (AU) /hour which can be controlled using Account Level policies and job level policies.

- Azure Data Lake Analytics and Data Lake Store are available in East US/EastUS2 and not available in India.
- Azure Data Lake Analytics need an output store for processed data to be able to view results in Power BI.

**Azure HDInsight :**  
Azure HDInsight is a cloud distribution of the Hadoop components from the Hortonworks Data Platform (HDP).

- ✓ HDInsight offers the following main cluster types - Apache Hadoop, Apache Spark, Apache Hbase, Apache Storm, Apache Kafka.

Template to use



Microsoft  
PowerPoint Presentation

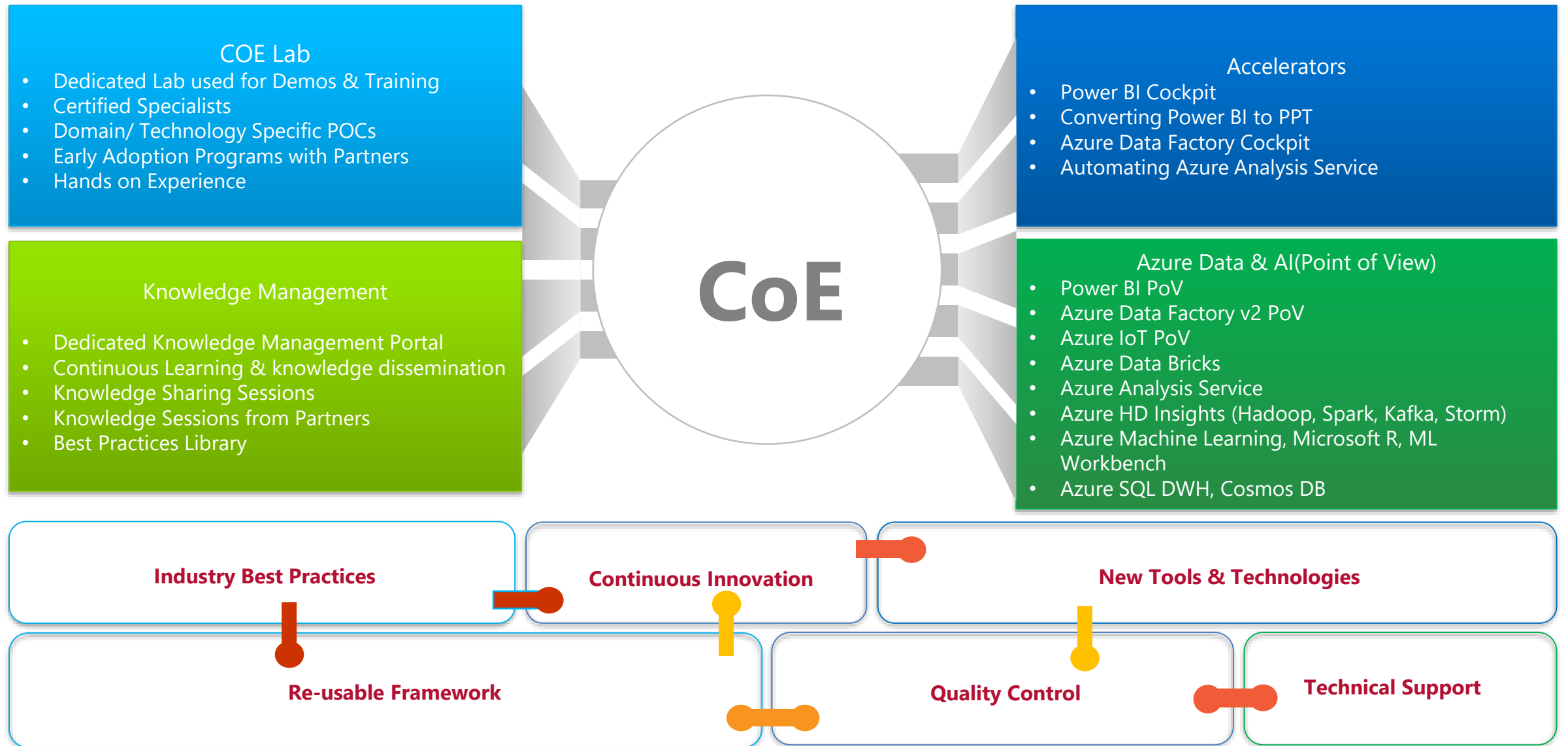


# Hackathon on Azure Data & AI





# Best Practices/Point of Views/Whitepapers/Case Studies



# Customer Events in Singapore/New York/London



# Azure Data & AI Trainings handled by D&A Capability and Capacity Team

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- Azure Spark
- Azure HDInsight
- Azure machine Learning
- Azure Data Bricks
- Azure Data Lake
- Azure Data analytics
- Azure data lake Store
- Azure Data factory
- Cosmos DB
- Cognitive Service



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## Certification Benefits

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## Expert Talk Program

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## Technical Forum using TEAMS



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## Your Feedback & Suggestions

***HCL***

*Relationship*<sup>TM</sup>  
BEYOND THE CONTRACT

**\$7.8 BILLION ENTERPRISE | 120,000 IDEAPRENEURS | 39 COUNTRIES**



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