Microsoft Azure Data Platform Consulting Services

WWT helps clients through the journey of building a powerful data platform with best of breed Microsoft Data solutions like Azure, Synapse, Azure Data Lake, and Azure Databricks.

WWT pairs extensive data consulting experience with expert Microsoft Cloud architecture capabilities to enable data-driven business outcomes. WWT's Microsoft Azure Data Platform Consulting Services take the best of the breed data solutions from Microsoft – Azure Synapse, Azure Data Lake, Azure Data Factory, Azure Databricks, PowerBI, and more – to solve the toughest data challenes and deliver real business value.

The service focueses on the following key areas:
- Use Case Rationalization
- Data Source Identification
- Data Ingestion
- Data Storage
- Data Analysis
- Visualization
- Monitoring

Industry Use Cases

Education	Retail	Healthcare	Finance
A large Private University chose to work with WWT to design and implement a public cloud-based enterprise data store – a pillar of a mature data infrastructure. Azure Synapse, Azure Data Lake, and Azure Data Factory are the foundation for accelerating the university's data maturity journey.	WWT helped to identify and rationalize a **Retail** client's pain points and use cases and developed a strategy and data platform. With an Azure Data Solution based on **Azure Synapse**, **Azure Data Factory**, and **PowerBI**, the client can provide a better level of service by understanding customer behavior patterns - all while mitigating safety risks and optimizing inventory levels.	Pairing advanced capabilities like **Azure API for FHIR** and **SmartNoise** (currently in Preview as of writing) with a well architected data platform based on **Azure Synapse**, **Azure Data Lake** and **Azure Data Factory** enable our **Healthcare** customers to continue to innovate while maintaining strict privacy and compliance requirements.	A regional **Financial Institution** wanted to provide a higher level of service by understanding their customers on a deeper level. WWT came alongside the client to develop a data strategy and implement a robust Azure Data Platform - utilizing **Azure Synapse**, **Azure Data Lake**, and **PowerBI** - to enable the institution's customers to achieve their financial goals.

WWT's Approach

As a Microsoft Gold Partner, WWT has a team of Microsoft certified experts that can deliver excellent customer outcomes from greenfield data platforms to complex multi-technology data projects. Across three phases – **Discover**, **Design** & **Deploy** – WWT will guide a customer through rationalizing their data use cases in order to design and implement an end-state data platform that exceeds customer expectations

Phase 1: Discover

- Identifying business drivers, pain points, use cases, and user personas
- Identifying key project requirements and agree on project success criteria
- Identifying reporting needs
- Discovery of data sources and analysis of sample data sets
- Identification of technical and policy requirements
- Evaluation of security considerations

Output:
- High-level architecture design (HLD)

Phase 2: Design

Client workshops with a focus on:
- Detailed discussions of each key technical area
    - Data Source Identification
    - Data Ingestion
    - Data Storage
    - Data Analysis
    - Visualization
    - Monitoring
- Review or development of Azure landing zone

Output:
- Low-level design (LLD)
- Agreed upon acceptance testing plan (ATP)

Phase 3: Deploy

Output:
- Deployed Azure Data Platform per designs
- Generated Infrastructure-as-Code and related scripts
- Executed acceptance testing plan (ATP)
- Knowledge transfer to client resources

WWT's Microsoft Partnership

With 10+ Microsoft Gold Competencies – including Gold Cloud Platform, Data Center, Application Development, Data Analyitics and Data Platform, WWT can provide the skills and expertise to push your data-driven solutions to the next level.

More Information

https://www.wwt.com/microsoft-azure