Microsoft Fabric – Use case mapping

Predictive Analysis

Openness – Open technologies and Standards, Interoperability

Bring all enterprise data together

Virtualize the data

Access Controls that must "travel with the data"

Enterprise-wide global policies

Different parts of an enterprise to manage their own data lakes

Enable Line of Businesses

Poor Data Quality

To Spend less time preparing data

Using data to personalize customer experiences

Collaboration, Sharing and Global Governance

Copy or load data tool-by-tool

Each tool silos
with their own data
and metadata

Simplify resource provisioning and Billing

Minimize user managed ETL pipelines

ISVs to Integrate their services and engines

Give customers choice over which analytic engines they use for different tasks (Fabric, Databricks, Snowflake)

Unify proprietary or non-columnar formats into open formats with zero ETL

External Sharing without data duplication

Need for Frictionless Data Governance

Securely collecting, storing, and sharing data in a highly regulated industry

Microsoft Fabric Positioning Keywords

General Ask

They want to improve their data, data quality, governance and have better controls **Customer 1** One part of their business is looking to build out a unified data platform which can be self-service, and more citizen developer led Customer 2 **ERP** transformation program **Customer 3** They are looking to leverage MS Fabric as a front-end to the existing enterprise data platform to provide business users and citizen-developers with faster **Customer 4** and easier access to data to support their business function. Commercial/Financial area – Business users are using MS Excel pivot templates for reporting by connecting the templates to SSAS cubes, modernize this **Customer 5** with MS Fabric and continue to use excel reporting mechanism against PBI semantic model. Refactor single model to multi model approach Customer 6 Healthcare area – Fabric healthcare data solutions for FHIR data (or DICOM)/Imaging data) Already using Power BI Gen1, optimize performance **Customer 7** They leverage online data platform service for video, audio and chat files. It wishes to migrate away from this and currently uses Cognos cubes as well as **Customer 8** Power BI for analytics. They have a on-prem datawarehouse, became interested in Copilot within Fabric platform for its integration and simplified analytics. They agree that Fabric is the most rational way to approach this problem Customer need single source of truth for their data (silos data) to make it more efficient and easier to leverage Copilot for productivity gains, Machine **Customer 9** learning and Power BI for data visualization **Customer 10** Need a secure way to share data internal/external to customers Customer 11 Need an easy, effective, efficient and secure data hub where business users can search high-quality endorsed data

Real-world Use Cases

- Migrate Reporting workloads to Fabric (SQL BI stack, BO)
- Self-service (Federated Governance)
- Create custom Gen AI experiences grounded on your data For example Marketing custom copilots
- Accelerating **Productivity** with Copilot in Fabric
- Food and service Multi-cloud (Reporting segmented by Markets North, South, West etc..)
- Banking On-prem data replication to Fabric (ISV customer)
- Law firm Legal matters, case management Microsoft Graph connect + Fabric (better together)
- Sustainability MSM+Fabric integration
- Transportation solutions Data Warehouse, Power BI migration to MS Fabric
- Sales Data platform for Insurance customer AWS to Azure migration