Beejan Technologies conceptual end-to-end data pipeline PROCESSING & SOURCE INGESTION **STORAGE SERVING** TRANSFORMATION XType:Social media Cleaning & Data Lake API feed Format: JSON **Analytical queries** Standardization (JSON) Frequency: Streaming Type:Call center log files **BI** Dashboards Format: CSV File upload Deduplication Frequency: Batch 000 Type:SMS Data Warehouse Format: JSON Streaming Events Categorization Reports (CSV) Frequency: Micro-batch Type: Website form PII Masking Format: CSV, JSON Ad Hoc Frequency: Batch **ORCHESTRATION & MONITORING DATAOPS** CI/CD Deployment Monitoriing Data Governance Error Handling Alerting Scheduling Validation