Alpha Presentation
Change Insights Datamart and Risk Assessment
The Capstone Experience

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Project Overview

• Identify production risks during development
• Consolidate data from multiple systems into comprehensive DataMart
• Develop a model that assesses risk associated with each software change
System Architecture
Incident Tracker Dashboard
Model Prediction Insights
Project Specification Analysis
Incident Specification Analysis
What’s left to do?

• Continue receiving and integrating data
• Explore and evaluate models
• Hyperparameter tuning
• Expanding on Power BI reports
Questions?