

Realizing Faster Decision Making with Digital Twins for a US Telco Giant

Key Challenges

- Traditional marketing strategies struggle to predict customer behavior and optimize campaigns
- Static data analysis limits understanding of customer behavior
- A/B testing real-world campaigns is time-consuming and expensive
- Predicting market trends and customer responses is challenging



Business Solution

- We built a Digital Twin solution using Google Cloud Platform (GCP)
- Analyze vast customer data with BigQuery for deeper insights
- Simulate marketing campaigns and predict outcomes with minimal cost
- Leverage Kubernetes for efficient model deployment and scalability



Business Impact



Reduced Experimentation Costs:

Test campaigns digitally before real-world rollout

Faster Time-to-Market:

Optimize computational power for rapid campaign evaluation

Deeper Customer Understanding:

Predict behavior and forecast market trends with AI integration



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