

Machine Learning for Signal Quality Monitoring



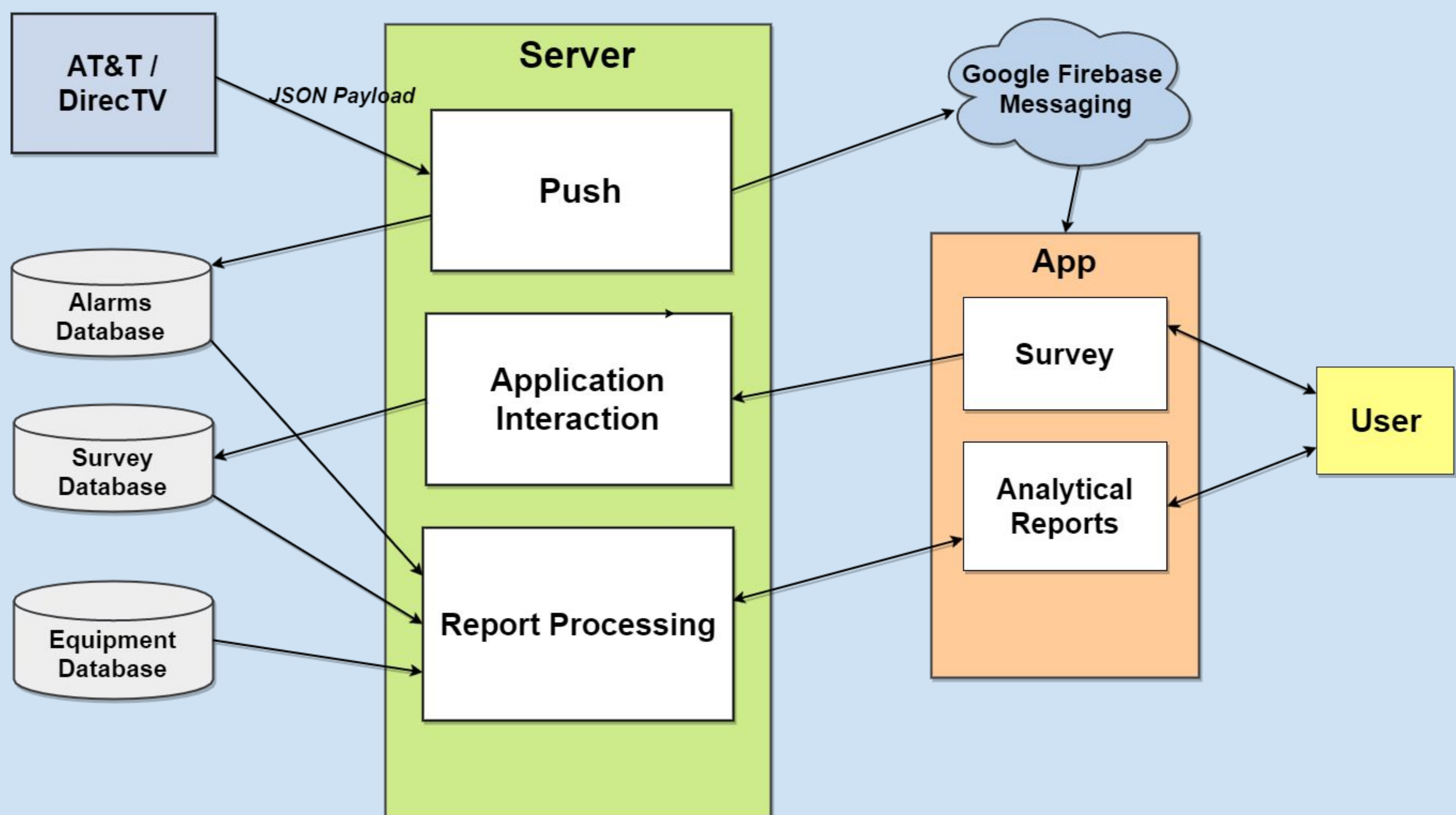
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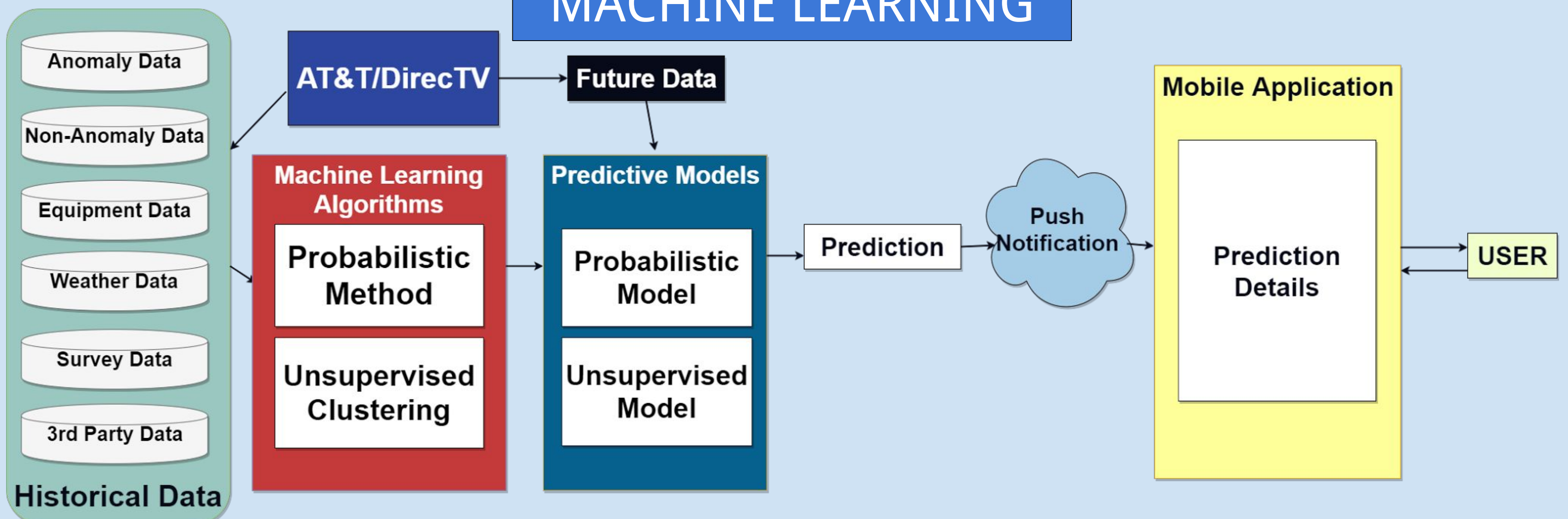
OBJECTIVES

- Enhance AT&T/DirectTV's ability to detect and respond to uplink anomalies
- Archive anomaly alarms for future references
- Query databases to analyze and compare archived data
- Research predictive model for future anomalies using machine learning

ARCHITECTURE DIAGRAM



MACHINE LEARNING



DEVELOPMENT TOOLS



CONCLUSION

