Credit Risk & Fraud Detection Dashboard Summary

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This PDF summarizes a data visualization project built using Power BI, Python, and SQL.
It highlights insights derived from a simulated credit and fraud risk dataset of over 2 million records.
The dashboard evaluates loan and fraud KPIs, segments credit risk, and visualizes model performance.

Highlights include:
- Creation of synthetic credit profiles and risk factors
- Deployment of XGBoost and Random Forest classifiers with >0.90 AUC
- Development of fraud heatmaps and ROC/Precision-Recall charts
- Design of an interactive, filterable Power BI dashboard interface

This document showcases a data visualization solution built with synthetic data to demonstrate capabilities in credit analytics and fraud detection.