



Enterprise data warehouse & automated RCM reporting solutions

Pediatric healthcare company

Increased monthly collections rate by 25% (lift of ~USD 10-15 Mn per month) & improved the efficiency in clinic operations by deploying Enterprise Data Warehouse solution and automated BI Reporting suite for RCM & Clinic Ops functions

Pediatric healthcare company needs a “playground to house” its data warehouse

Picture this...

You’re looking to streamline and automate the RCM reporting suite through automated data pipelines (to ingest revenue and payments data from EMR/EHR systems into a central data warehouse) and develop comprehensive and customized Power BI dashboards, to provide real-time visibility. Currently, the data consolidation process from multiple EMR/EHR systems and report preparation is manual and data validation across systems is challenging.

You turn to Accordion.

We partner with your team to increase monthly collections rate & improve the efficiency in clinic operations by deploying Enterprise Data Warehouse solution and automated BI Reporting suite, including:

- Setting-up automated pipelines and ingesting data from multiple source systems (eCW, TriMed, Office Practicum, WayStar) into a central data platform in Azure.
- Leveraging Delta Live Tables in Azure Databricks to load data into raw, clean and aggregate zones. Developing corporate data models to analyze data in aggregate zone.
- Building a robust self-serve dashboards in Power BI to enhance visibility across the business including key RCM indicators, appointment/visits, cash collections, patient care & P&L

Your value is enhanced.

- Real-time availability of RCM KPIs helped in monitoring and tracking of operational and financial performance.
- Based on these KPIs, you can make strategic decisions related to revenue cycle management and business operations, which can further enhance the monthly collections rate, reduced denials, improved clinic ops efficiencies
- You have a scalable Azure based data warehouse to help in onboarding and integrating newly acquired practices with minimal effort and provides visibility into acquired business in short span of time

KEY RESULT

- Increase collection rate by 25% (lift of ~USD 10-15 Mn per month)

VALUE LEVERS PULLED

- Delta Live Tables from Databricks
- Enterprise Data Warehouse
- RCM Dashboards on Power BI

Enterprise Data Warehouse & Automated RCM ,Clinic Ops, Value-Based Care Reporting for Pediatric Healthcare Provider

Situation

- The client relied on Revenue Cycle Management (RCM) system-based reporting to track its business performance. However, the data consolidation process from multiple EMR/EHR systems and report preparation was manual and data validation across systems was challenging
- Partnered with the client to i) streamline and automate the RCM reporting suite through automated data pipelines (to ingest revenue and payments data from EMR/EHR systems into a central data warehouse); and ii) develop comprehensive and customized Power BI dashboards, to provide real-time visibility.

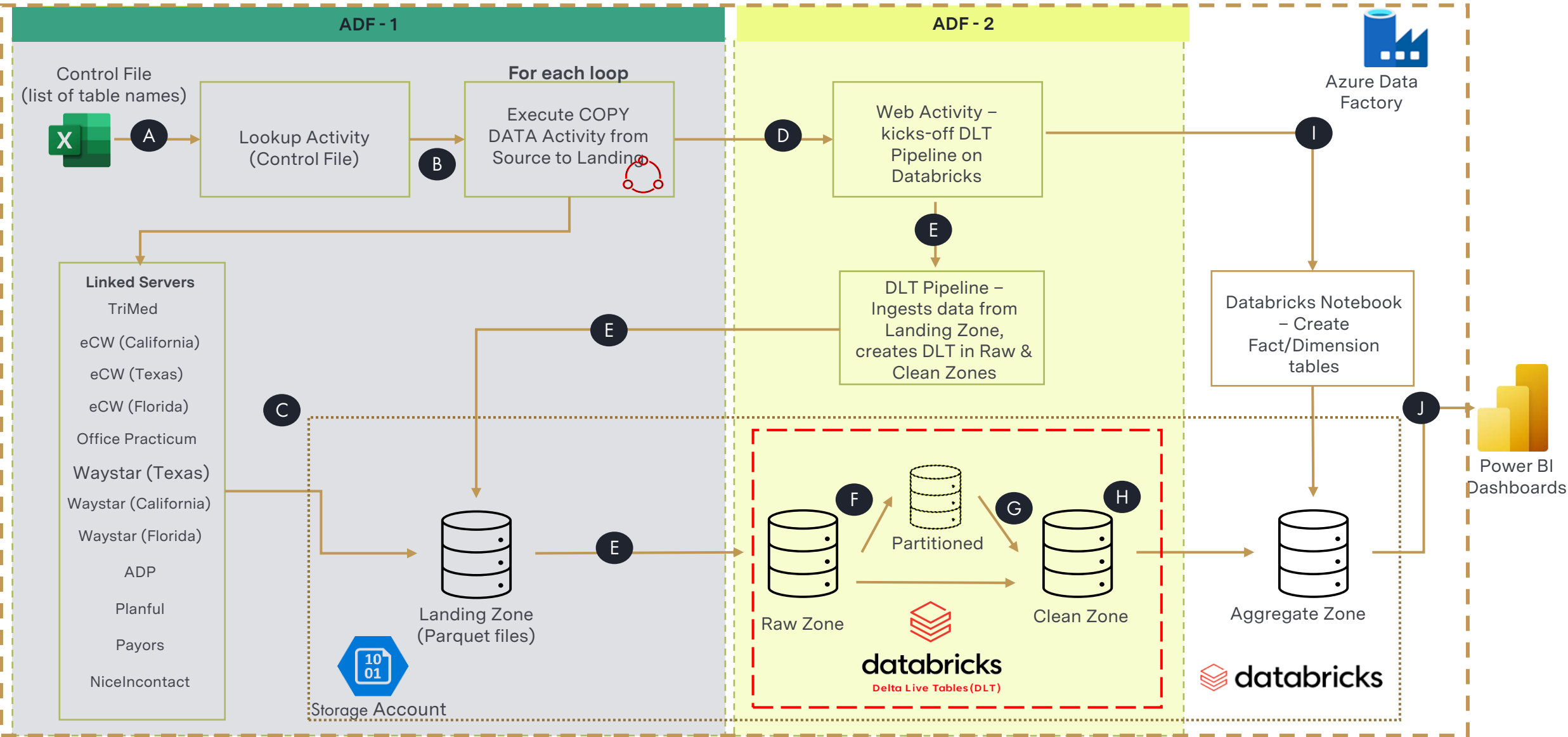
Accordion Value Add

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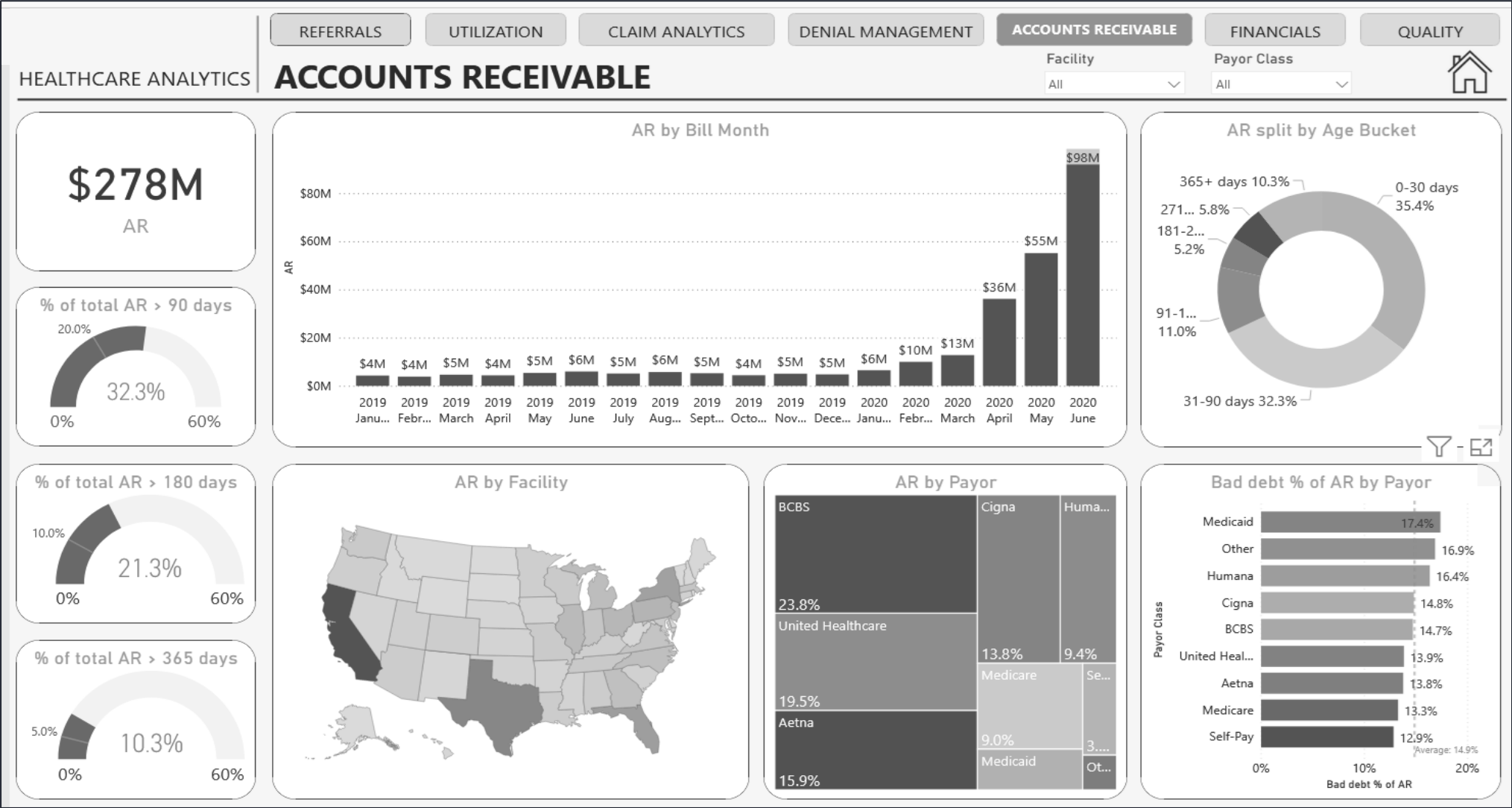
Impact

- Availability of real-time RCM KPIs helped in monitoring and tracking of operational and financial performance.
- Based on these KPIs, management was able to make strategic decisions related to revenue cycle management and business operations, which further enhanced the monthly collections rate, reduced denials, improved clinic ops efficiencies
- Scalable Azure based data warehouse helped in onboarding and integrating newly acquired practices with minimal effort and provided visibility into acquired business in short span of time

Data Management Architecture Design



RCM dashboard – Accounts receivable



RCM dashboard – Denial management

