

ABOUT CLIENT

- Headquartered in Westminster, Colorado, the client is a leading hi-tech healthcare solutions provider with over 10,000 employees.
- They majorly operate with US-based payers and partners to better operations, enhance patient and provider experiences, and drive better financial and clinical outcomes.
- Their expertise spans healthcare operations, UI/UX design, and analytics, allowing them to create custom solutions for their healthcare collaborations.

PROBLEM STATEMENT

- Overloaded Dashboard Interface:**
Too many charts and data points cluttered the dashboard, making it difficult for users to focus on key insights. Cognitive overload prevented them from quickly identifying and acting on critical data.
- Ineffective Color Usage:**
The use of overly bright and inconsistent colors led to visual fatigue and confusion, making it hard to differentiate datasets and interpret trends effectively.
- Poorly Structured Layout:**
Dashboard elements were randomly placed without a logical flow, disrupting the user experience and making navigation difficult.
- Lack of Data Hierarchy:**
All data was presented with equal emphasis, forcing users to sift through large amounts of information without clear guidance on priority metrics.
- Limited Interactivity:**
The dashboard did not offer flexibility for users to drill down into data, filter views, or customize their experience, reducing its effectiveness in providing actionable insights.

Healthcare & Life Sciences
Power BI
North America
<ul style="list-style-type: none">• Accounting and Finance,• Customer Service and Support• Human Resources (HR)• Procurement and Purchasing• Sales and Business Development• Strategy and Planning
Managed Analytics

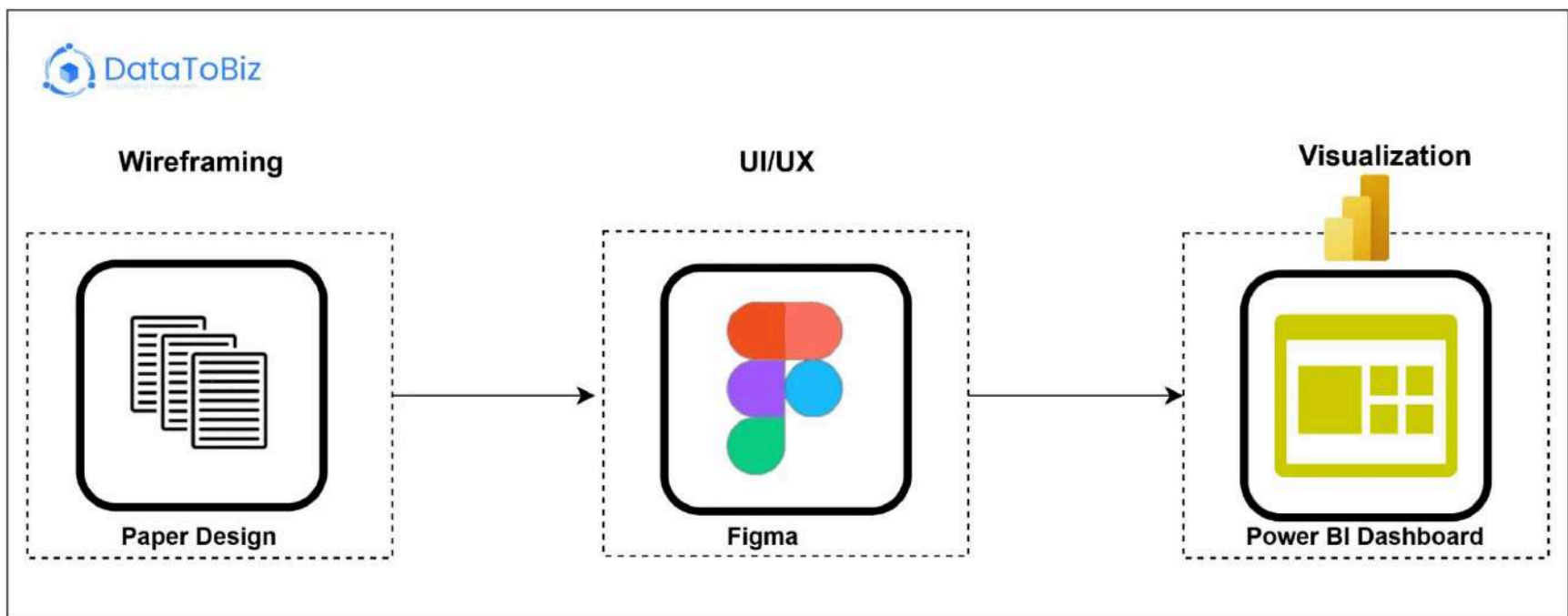
SOLUTION

- When we first sat down to understand the client’s challenges, it was clear that their dashboard needed more than just a visual refresh—it required a complete usability overhaul. Our experts focused on making the interface intuitive, ensuring users could extract meaningful insights effortlessly.
- Refined Visual Hierarchy:**
Our engineers strategically placed key performance indicators (KPIs) at the top, ensuring immediate visibility and helping users prioritize critical business metrics without unnecessary distractions.
 - Streamlined Layout for Better Navigation:**
Logical sections were introduced with ample white space to declutter the dashboard, enhancing readability and making navigation more seamless.
 - Professional and Consistent Color Palette:**
Our design team implemented a muted, structured color scheme with carefully placed accent colors, improving data distinction and reducing visual fatigue.
 - Optimized Chart Selection for Clearer Insights:**
Ineffective visuals were replaced with the most relevant chart types—bar charts for comparisons, and line graphs for trends—allowing users to interpret data more efficiently.
 - Enhanced User Interactivity for Data Exploration:**
Our engineers integrated filters, slicers, and tooltips, empowering users to drill down into data, customize their views, and explore insights without needing additional reports.

TECHNICAL IMPLEMENTATION

- Wireframing & UI/UX Design:**
 - Initial dashboard wireframes were sketched to outline key sections and data flow.
 - High-fidelity UI designs were created in Figma to finalize layout and interactions.
- Power BI Dashboard Development:**
 - The redesigned dashboard was implemented in Power BI with optimized visuals and interactivity.
 - DAX functions were used to enhance calculated metrics and improve analytical capabilities.
- Testing & Deployment:**
 - User testing was conducted with real-time data to ensure usability improvements.
 - The final dashboard was deployed with continuous monitoring and user feedback integration.

TECHNICAL ARCHITECTURE



BUSINESS IMPACT

- Clearer Insights:**
Data interpretation time was reduced from 15 minutes to just 10 minutes per analysis, enabling faster recognition of trends and anomalies.
 - Improved User Engagement:**
Enhanced Power BI dashboards improved visualization and analytical efficiency, reducing report generation time from 4 hours to just 30 minutes per report.
 - Improved Knowledge Documentation:**
Over 125 users actively interacted with new dashboard features, leading to a more data-driven decision-making culture.
 - Faster Decision-Making:** Report generation time decreased from 2 hours to 90 minutes, allowing teams to act on insights more quickly.
 - Better Presentation for Stakeholders:**
Improved visuals and interactivity increased confidence in data, streamlining stakeholder meetings and reducing redundant report explanations.
- With the new design in place, navigating the dashboard feels effortless. Key metrics stand out, trends are easier to spot, and interactive features like slicers and filters make data exploration smooth. Teams can now focus on insights instead of struggling with clutter, leading to faster decisions that are data-backed.

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