

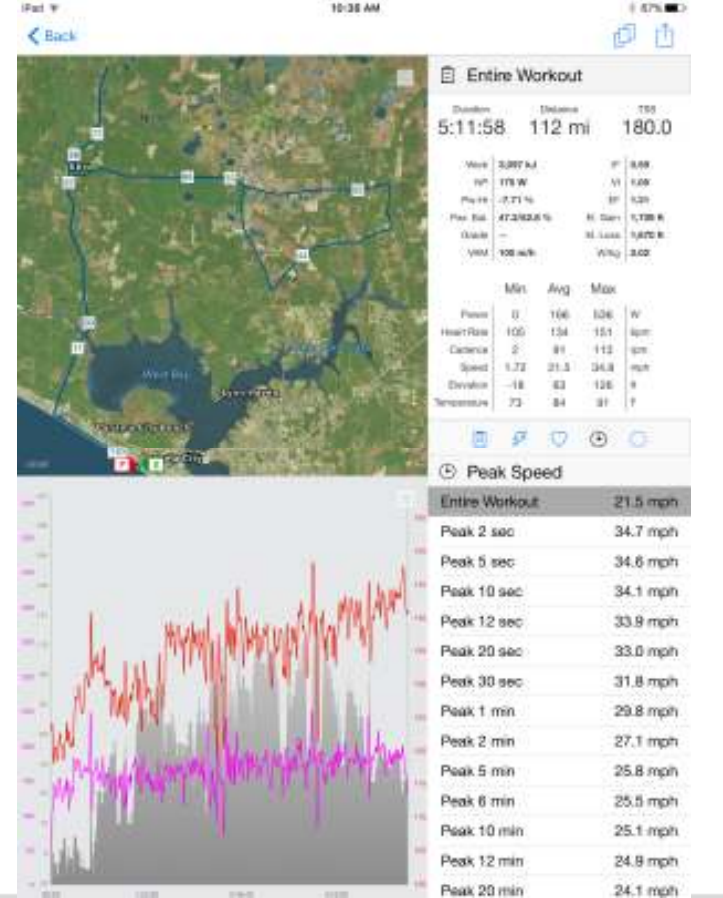


Guided & Self Service Healthcare Analytics

Adam Ciperski - Sr. Manager, Qlik

Greg Miller - Manager of BI, Ohio
Health Group

HiMSS
CENTRAL & SOUTHERN OHIO *Chapter*



Qlik's Tri



Analytics

Guided, embedded,
self-service, collaborative



Data

Access, smart load,
governed data, big data



Cloud

Create and share, managed cloud,
value-added services, ecosystem

Qlik's Analytics Platform



Self-Service
Visualization



Guided
Analytics



Embedded
Analytics



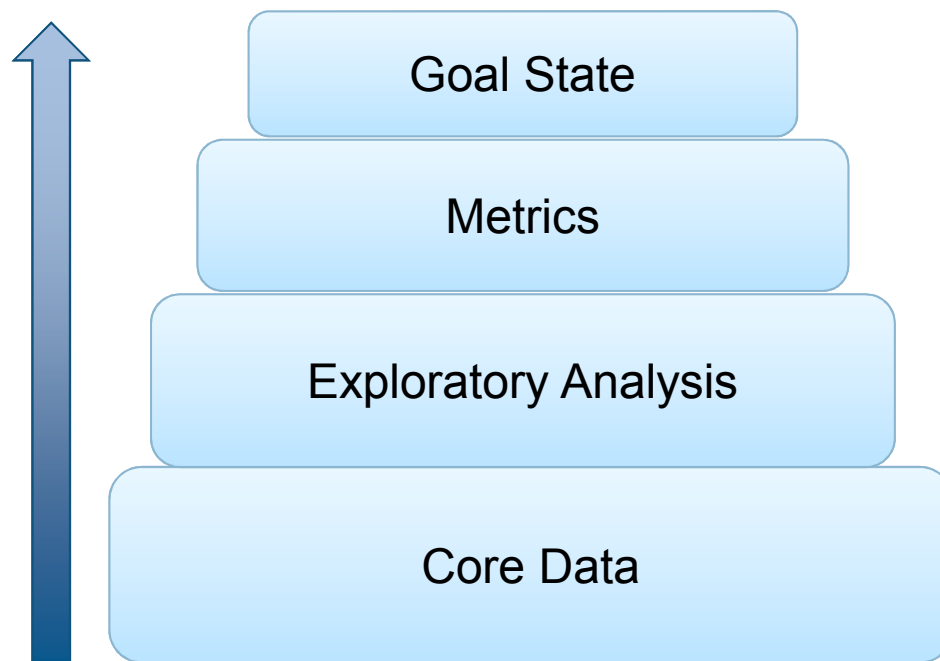
Custom
Analytics Apps



Reporting &
Collaboration

*One common platform that
ties together uses cases...*

The Problem and Solution



Qlik Self-Service Teaser Dashboards

Objectives

- Create an exploration layer
- Uncover insights you may have not seen before
 - Find the story you want to tell
- Visualization to the data, don't fix it at this stage
 - Give visualization into the data to help identify meaningful information/stories
 - Don't "clean" the data

Things to Address

- Intake process
 - Manage expectations
 - Architect global solutions
- Unleashing the Dragon
 - Data governance
 - Stamp of approval
 - Exploration vs decisions



**STAMP OF
APPROVAL**

Introduction

Member Dashboard

This dashboard offers an initial look at some of the available analytical capabilities to explore a member population.



Who

From high-level member characteristics by age, gender, and geography to the change in total claim costs for each individual, examine the population along multiple lines.

To Overview

To Age by Gender Analysis

To Member Detail

What

View overall patterns in claims and member coverage as well as a member's full claims history.

To Claims Analysis

To Coverage Analysis

To Claims Detail

When

To Time Period Comparisons

Where

To Member Map

To Provider Map

To Facility Map

Top 10 Diagnoses Among Members

Count of Members with Diagnosis (Excluding Null)

ESSENTIAL (PRIMARY) HYPERTENSION 253	ROUTINE GENERAL MEDICAL EXAMINATION AT A HEALTH CARE FACILITY 209	UNSPECIFIED ESSENTIAL HYPERTENSION 183	OTHER AND UNSPECIFIED HYPERLIPIDEMIA 175
		BENIGN ESSENTIAL HYPERTENSION 158	UNSPECIFIED VITAMIN D DEFICIENCY 118
OTHER SCREENING MAMMOGRAM 132	ENCOUNTER FOR SCREENING MAMMOGRAM FOR MALIGNANT NEOPLASM OF BREAST 281	HYPERLIPIDEMIA, UNSPECIFIED 144	OBESITY, UNSPECIFIED 100

Top 10 CPT/HCPCS Codes Among Members

Count of Members with CPT/HCPCS Code (Excluding Null)

OFFICE OUTPATIENT VISIT 15 MINUTES 2.131	COLLECTION VENOUS BLOOD VENIPUNCTURE 1.534	LIPID PANEL 1.004	OFFICE OUTPATIENT VISIT 25 MINUTES 945	COMPREHENSIVE METABOLIC PANEL 849	
	OFFICE OUTPATIENT VISIT 25 MINUTES 1.518	BLOOD COUNT COMPLETE AUTOMATIC DIFFERENTIAL WBC 955	BLANK CODE 889	ASSAY OF THYROID STIMULATING HORMONE TSH 131	PERIODIC PREVENTIVE MED EST PATENT 48-64YR 611

Top 10 Surgical Procedures Among Members

Count of Members with Surgical Procedure (Excluding Null)

MANUAL ASSIST DELIV NEC 29	OTHER FETAL MONITORING 23	CIRCUMCISION 16	REPAIR OR LACERATION NEC 15	DRAINAGE OF AMNIOTIC FLUID, THERAPEUTIC FROM PRODUCTS OF CONCEPTION, VIA NATU... 13	RESECTION OF PREPUCE, EXTERNAL APPROACH 13
	LOW CERVICAL C-SECTION 18	REMOVAL OF PRODUCTS OF CONCEPTION, EXTERNAL APPROACH 15	ARTIF RUPUT MEMBRANES NEC 13	MONITORING OF PRODUCTS OF CONCEPTION, CARDIAC... 18	

Conclusion

