

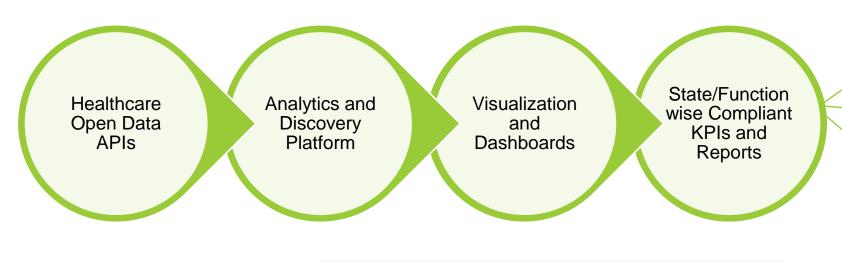


# HEALTHCARE DATA MANAGEMENT (HDM)

### Data Analytics - Healthcare Open Datasets



### **APIs to KPIs**





Citizens



Industry



**Health Data Monitoring (HDM)** 

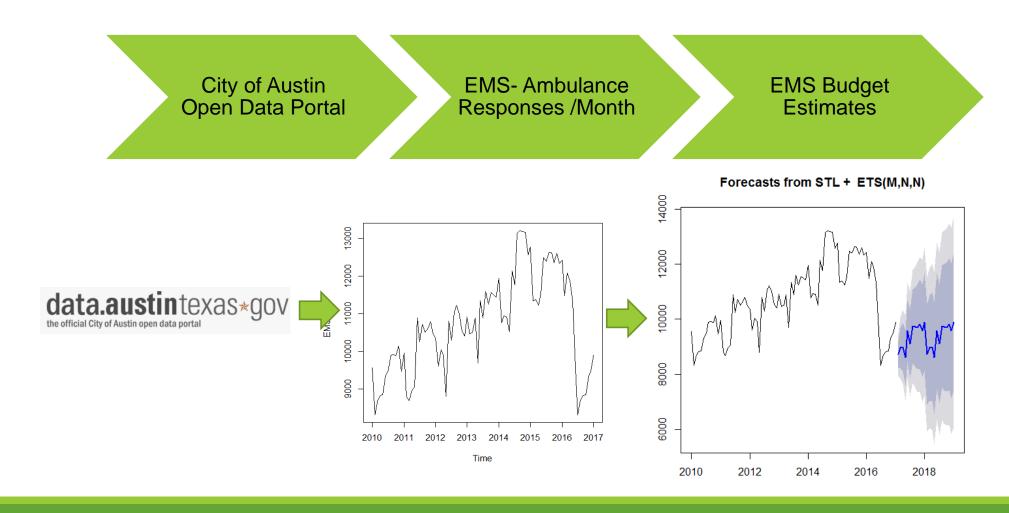
An Open-Source Monitoring and Analytics Platform

**DATA.GOV** 

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### Sample 1 - HDM impact in US

### Healthcare Budget Estimation/Allocation



### Sample Exercise –

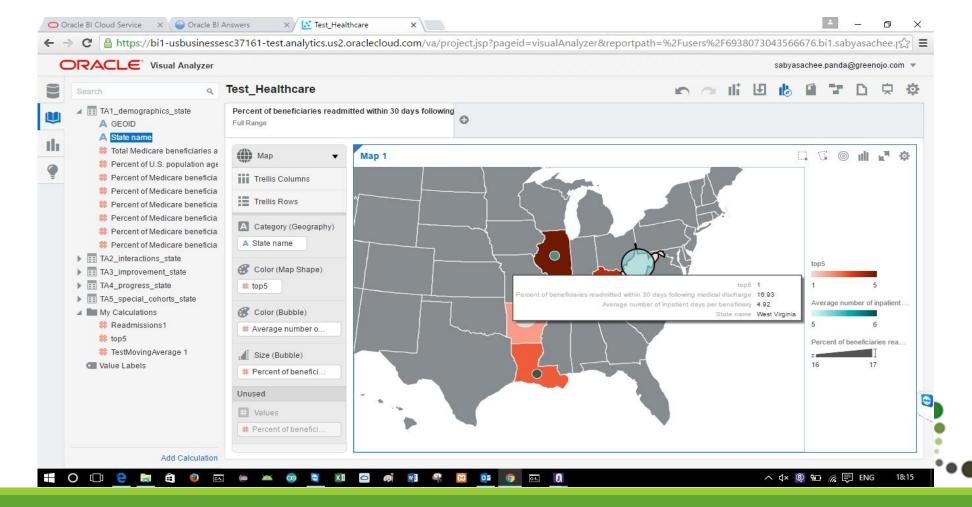
For budget
estimate/allocation
for EMS under
"Healthcare"
category the state
budget team should
be allowed to
predict/forecast the
future (next 12/24/36
months)



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## Sample 2 - HDM impact in US Top 5 states for highest re-admission rates

Sample Exercise –
Figuring out top 5
states for %
beneficiaries
getting re- admitted
within 30 days
following medical
discharge

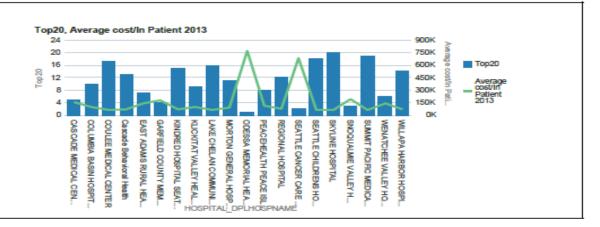


### Sample 3 - HDM impact in US



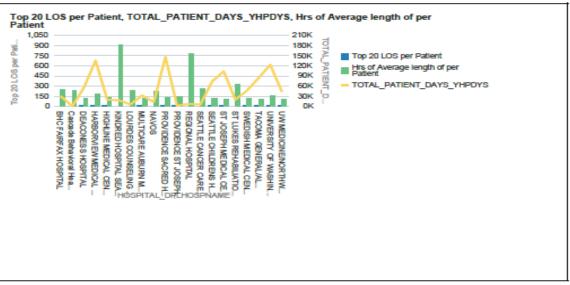
### Benchmarking Hospitals across a given State

### Average cost/In Patient HOSPITAL DPLHOSPNAME Average cost/in Patient 2013 Top20 ODESSA MEMORIAL HEALTHCARE CENTER 773725.56 SEATTLE CANCER CARE ALLIANCE SNOQUALMIE VALLEY HOSPITAL 192437.60 GARFIELD COUNTY MEMORIAL HOSPITAL 177689.20 CASCADE MEDICAL CENTER 155786.80 WENATCHEE VALLEY HOSPITAL 143862.67 EAST ADAMS RURAL HEALTHCARE 143399.18 PEACEHEALTH PEACE ISLAND MEDICAL CENTER 114502.46 KLICKITAT VALLEY HEALTH 97639.30 COLUMBIA BASIN HOSPITAL 97279.79 10 MORTON GENERAL HOSPITAL 89253.29 11 78303.39 REGIONAL HOSPITAL 12 Cascade Behavioral Health 70120.29 13 14 WILLAPA HARBOR HOSPITAL 69148.50



### Hrs of Average length of per Patient

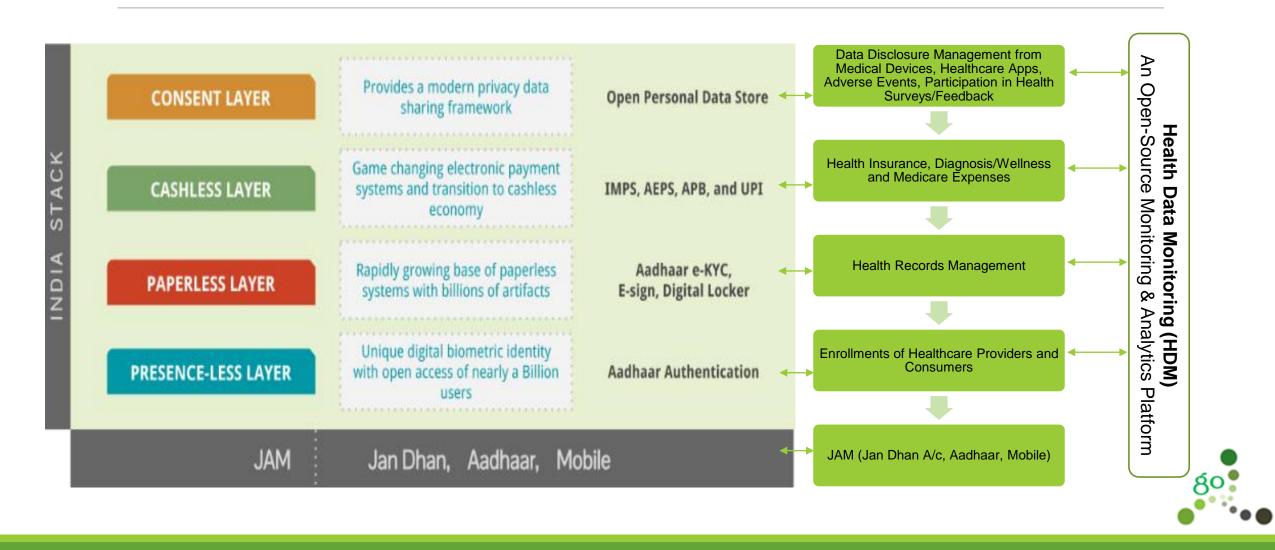
HOSPITAL_DPLHOSPNAME	Hrs of Average length of per		TOTAL_PATIENT_DAYS_YHPDYS
	Patient		
KINDRED HOSPITAL SEATTLE - NORTHGATE	904.38	1	19218.00
REGIONAL HOSPITAL	774.83	2	7716.00
ST LUKES REHABILIATION INSTITUTE	330.12	3	20674.00
SEATTLE CANCER CARE ALLIANCE	264.18	4	5845.00
BHC FAIRFAX HOSPITAL	250.20	5	30243.00
Cascade Behavioral Health	243.43	6	142.00
LOURDES COUNSELING CENTER	241.15	7	5878.00
NAVOS	225.01	8	13660.00
HARBORVIEW MEDICAL CENTER	181.05	9	135779.00
UNIVERSITY OF WASHINGTON MEDICAL CENTER	166.34	10	122867.00
PROVIDENCE ST JOSEPHS HOSPITAL	145.02	11	2278.00
HIGHLINE MEDICAL CENTER	130.67	12	20494.00
PROVIDENCE SACRED	124.65	13	146375.00







### Use Case From "India Stack" to "India Health Stack"







## **Thank You**

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