



# Intro to Tableau

Story-Telling Through Data  
Visualization

June 25th, 2018





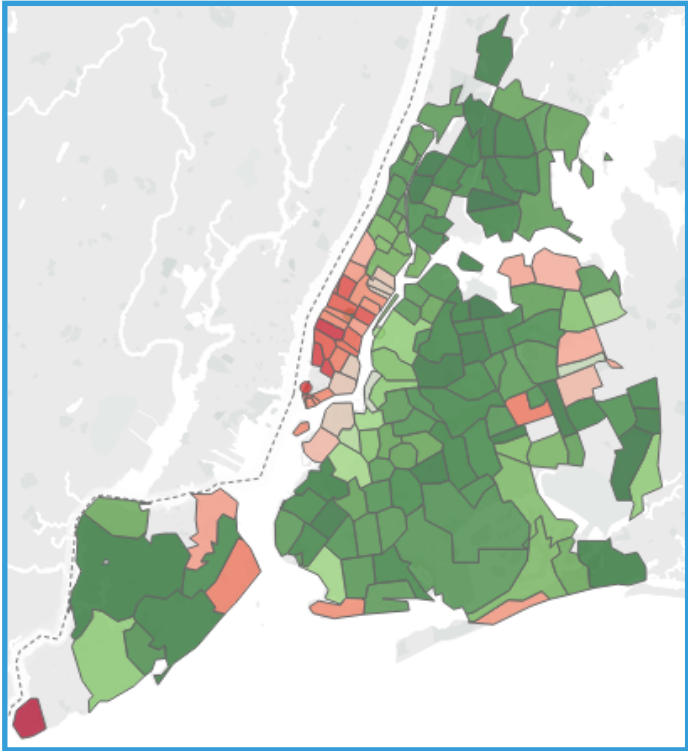
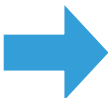






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Zipcode	Beds	Number Of Reviews	Price
11249	1	0	145
11206	1	1	37
10032	1	1	28
10024	3	0	199
10036	3	39	549
11222	1	4	149
10004	1	9	250
11201	1	80	90
10009	2	95	270
10009	2	23	290
11221	2	14	170
10026	2	120	59
10026	2	81	49


















## MDM Data Quality Overview

01/25/2018








 = Meets or Exceeds Goal

 = Failed and Does Not Meet Goal




### Data Integrity

	Goal	Actual
Incomplete Comparison String	 0	61
GRs w/ Missing DOB	 0	595
GRs w/ Missing Gender	 0	1,705
GRs w/ Missing FN	 0	1
GRs w/ Missing LN	 0	0
GRs w/ Shared SSN	 1.0M	2.6M
GRs w/ Minimal Data	 1.0M	10.7K
GRs w/ DOD Before DOB	 0	0
Address Standardization	 0.8	0.6706
Old Non-Standard Addr. Date	 0	28.9M
GR Update Date	 1.0M	10.0M
GR DOBs After Today	 0	0




### Populating Fields

	Goal	Actual
SSN Populated	 140M	107.3M
Address Populated	 140M	173M
Phone Populated	 140M	122M
Email Populated	 140M	29M
Healthcare Populated	 140M	179M
Prim. Addr. blank but other pop.	 5M	23M
Date Of Death Populated	 1.0M	3.9M

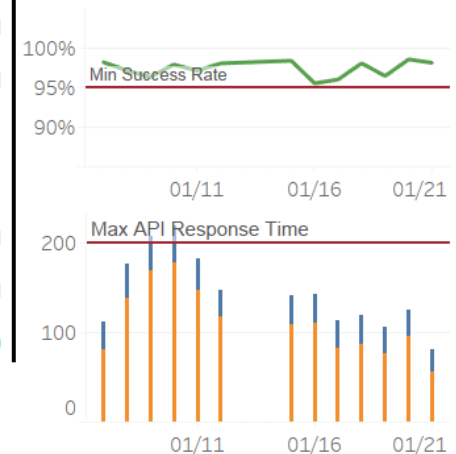
### GR Strength

	Goal	Actual
Lone Wolves	 20.0M	72.4M
Single System EID	 20.0M	82.0M
Avg. # Of IDs	 4.500	4.210

### End-User Impact

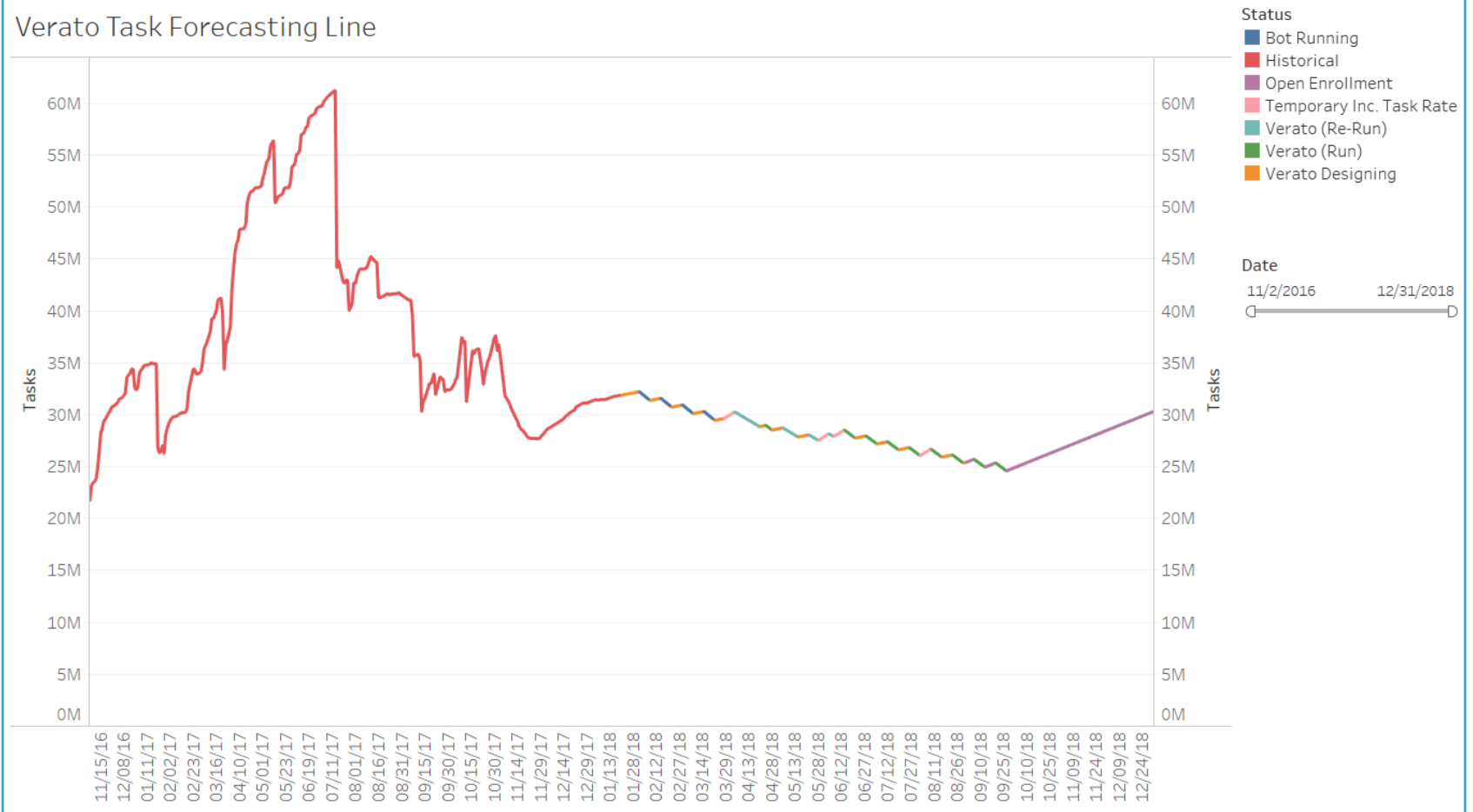
Big 5 Duplicates	
Overall Task Count	
C360 Task Count	

### API





## Verato Task Forecasting Line





## HSID Rx Analytics

### New Registration Completion% Today

#### Final Dispositions

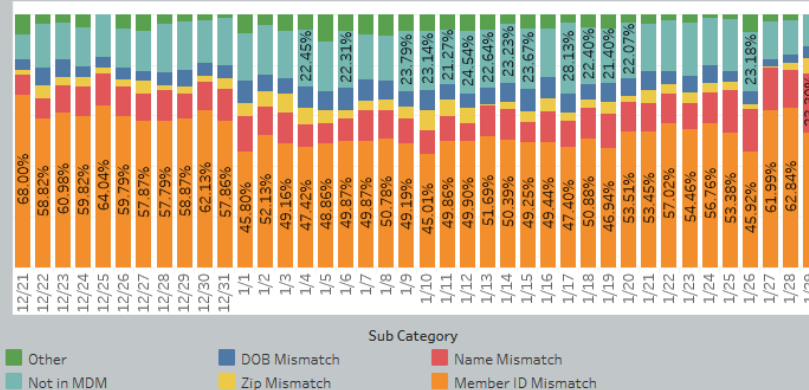
Final Disposition	Count	%
Pass Eligibility	2,207	70.69%
Already Has HSID	447	14.32%
Rx Healing Not Found	339	10.86%
MDM Error	103	3.30%
Rx Eligibility Failure	19	0.61%
Technical Errors	7	0.22%

#### MDM Error Sub-Categories

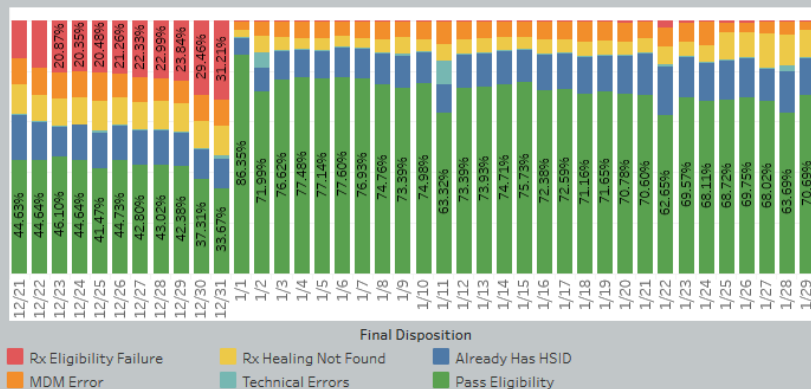
Sub Category	Count	%
Member ID Mismatch	55	53.40%
Name Mismatch	24	23.30%
Not in MDM	13	12.62%
Zip Mismatch	6	5.83%
DOB Mismatch	5	4.85%

Last Update: 2018-01-29 @ 12:00

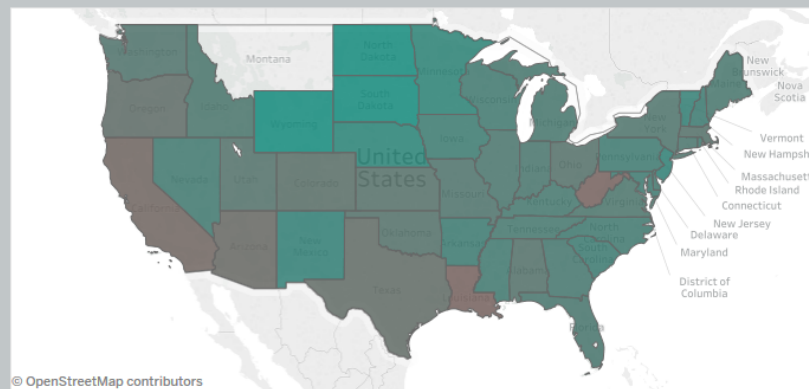
### MDM Error Sub-Category % By Day



### Final Disposition % By Day



### Success Rate By State Today





## World Cup 2018: Match Dashboard

Choose Group:

B

Choose Match:

Portugal vs. Spain

# Portugal

# 3

# 3

# Spain

### Starting XI \* = subbed off

	Portugal
Rui Patrício	<b>GK</b>
Cédric Soares	<b>DR</b>
José Fonte	<b>DC</b>
Pepe	<b>DC</b>
Raphael Guerreiro	<b>DL</b>
*Bernardo Silva	<b>MR</b>
João Moutinho	<b>MC</b>
William Carvalho	<b>MC</b>
*Bruno Fernandes	<b>ML</b>
*Gonçalo Guedes	<b>FW</b>
Cristiano Ronaldo	<b>FW</b>

**9 (3)**  
Shots (On target)

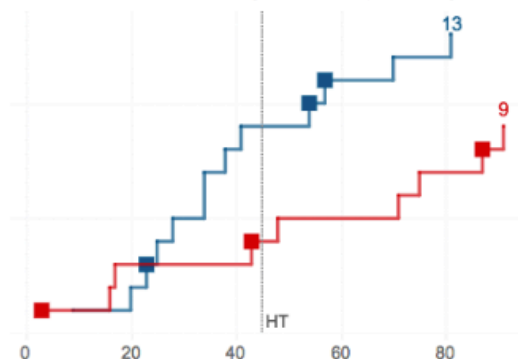
**33.3%**  
Shot Accuracy

**372**  
Passes

**6**  
Key Passes

**20**  
Regains

### Shot Timeline Running total shots, squares are goals



**13 (6)**  
Shots (On target)

**46.2%**  
Shot Accuracy

**759**  
Passes

**8**  
Key Passes

**23**  
Regains

### Starting XI \* = subbed off

	Spain
David De Gea	<b>GK</b>
Nacho	<b>DR</b>
Gerard Piqué	<b>DC</b>
Sergio Ramos	<b>DC</b>
Jordi Alba	<b>DL</b>
*Andrés Iniesta	<b>MC</b>
Koke	<b>MC</b>
Sergio Busquets	<b>MC</b>
*David Silva	<b>FWR</b>
*Diego Costa	<b>FW</b>
Isco	<b>FWL</b>

### Subs \* = subbed on

*André Silva	<b>Sub</b>
*João Mário	<b>Sub</b>
*Ricardo Quaresma	<b>Sub</b>
Adrien Silva	<b>Sub</b>
Anthony Lopes	<b>Sub</b>
Beto	<b>Sub</b>

### Shots (on Target) Bar in bar is on target

Cristiano Ronaldo	FW	4
*David Silva	FWR	3
*Diego Costa	FW	3
*Ricardo Quaresma	Sub	2
Isco	FWL	2

### Key Passes Pass leading to a shot

*David Silva	FWR	3
*Andrés Iniesta	MC	2
João Moutinho	MC	2
Jordi Alba	DL	2
*Gonçalo Guedes	FW	1

### Touches

Isco	FWL	123
Sergio Ramos	DC	123
Koke	MC	101
Jordi Alba	DL	95
Sergio Busquets	MC	80

### Subs \* = subbed on

*Iago Aspas	<b>Sub</b>
*Lucas Vázquez	<b>Sub</b>
*Thiago Alcántara	<b>Sub</b>
Álvaro Odriozola	<b>Sub</b>
César Azpilicueta	<b>Sub</b>
Daniel Carvajal	<b>Sub</b>





# Datasets

- Cats vs. Dogs
- Titanic Passenger List
- Airbnbs in New York
- Food World Cup
- Movie Reviews (Fandango vs. RT vs. IMDB)
- Daily Show Guests
- Oxford comma survey
- College majors (student makeup & income)
- Car crash and Insurance Premiums by State
- Airline safety over time
- Alcohol Consumption by Country