Marmot dashboard stats with Tableau

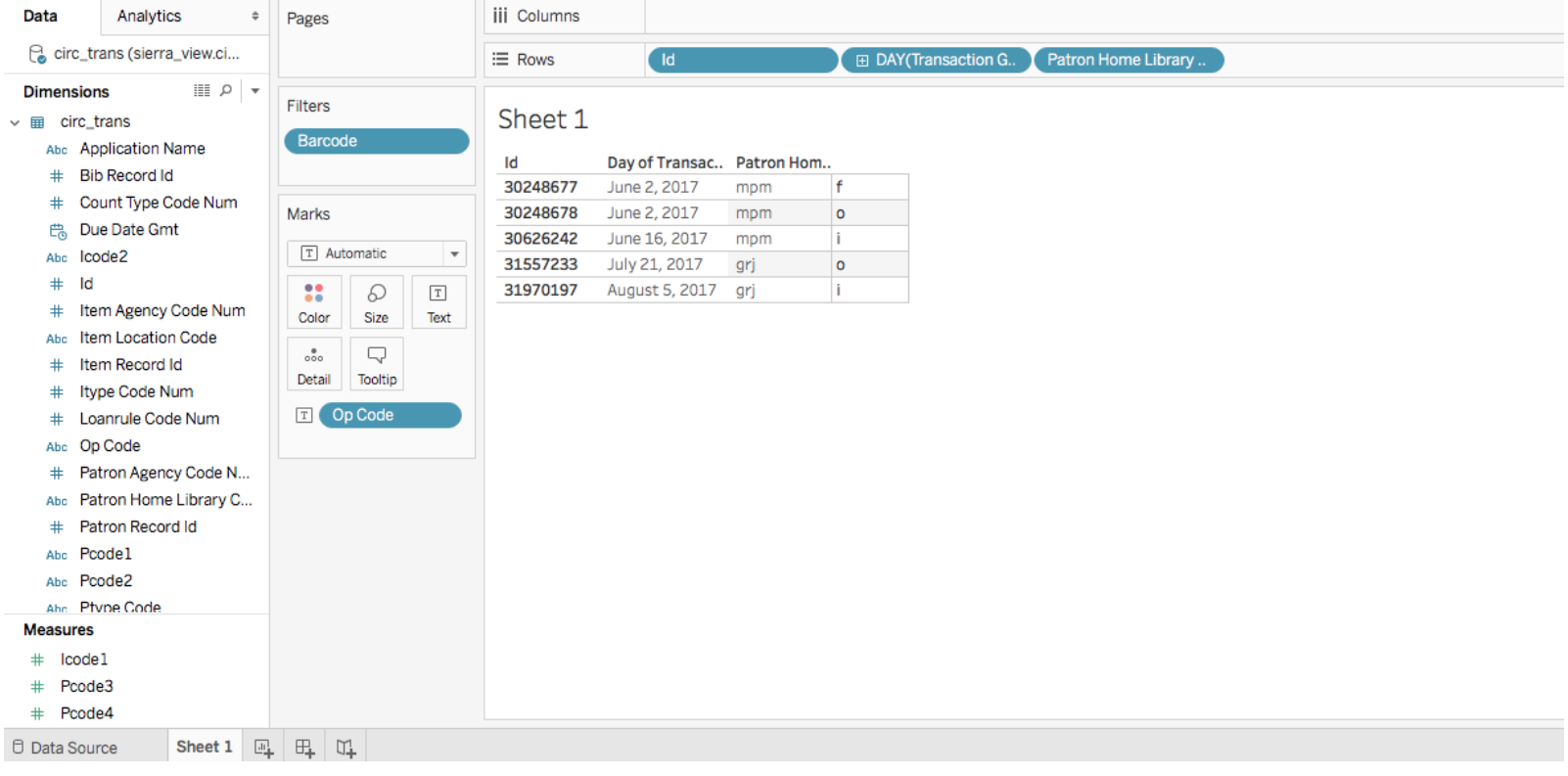
Brandon Cole, User Services Manager

Decision Center vs. Tableau

- Decision Center takes training to understand
- No documentation on how Decision Center gets its numbers
- Decision Center takes valuable time to run every time you need to get your stats
    - 10-15 minutes on average to prepare and run a report
- Decision Center offers a finite number of reports
- Decision Center doesn’t offer library filtering in all reports

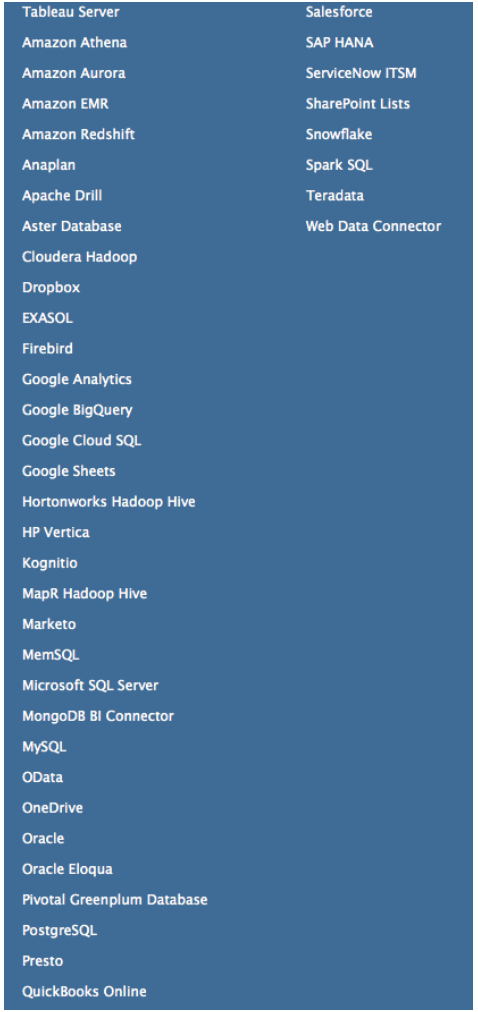
- Tableau reports are created by Marmot staff
- Marmot staff can show each table used to get stats
- Tableau reports are posted on the web and updated daily, requiring no library staff time
- Tableau reports are entirely custom and infinite
- Filters can be offered to only show your data on each report
- Data can continually be filtered after collection

Tableau interface

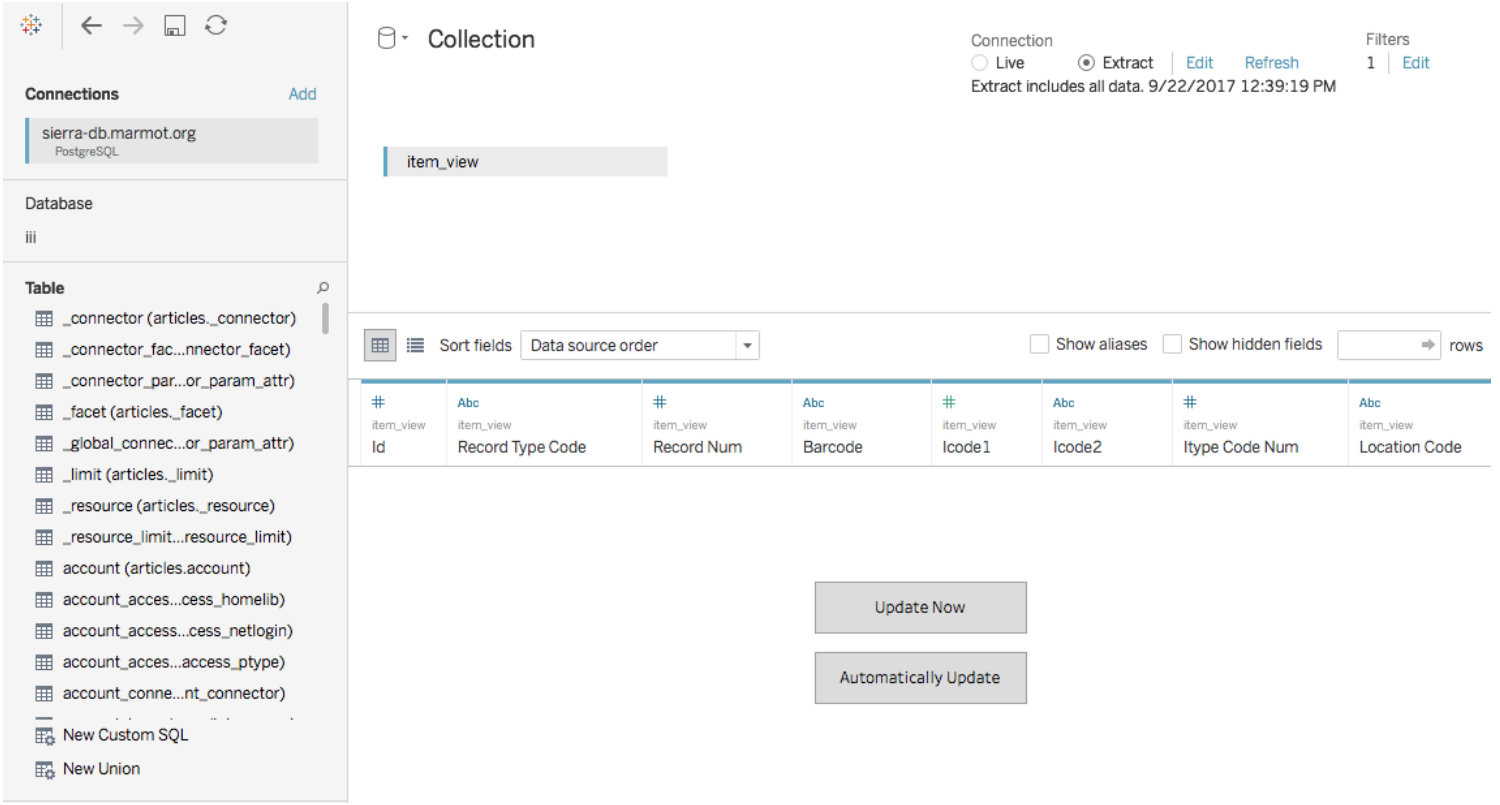


Possible Data Sources

- 41 sources available
- Sierra uses the PostgreSQL connection



Data Import


Connections
Add
sierra-db.marmot.org
PostgreSQL
Database
iii
Table
_connector (articles._connector)
_connector_fac...nnector_facet)
_connector_par...or_param_attr)
_facet (articles._facet)
_global_connec...or_param_attr)
_limit (articles._limit)
_resource (articles._resource)
_resource_limit...resource_limit)
account (articles.account)
account_acces...cess_homelib)
account_access...cess_netlogin)
account_acces...access_ptype)
account_conne...nt_connector)
New Custom SQL
New Union
Collection
Connection
Live
Extract
Edit
Refresh
Extract includes all data. 9/22/2017 12:39:19 PM
Filters
1
Edit
item_view
Sort fields
Data source order
Show aliases
Show hidden fields
rows
item_view Id
item_view Record Type Code
item_view Record Num
item_view Barcode
item_view Icode1
item_view Icode2
item_view Itype Code Num
item_view Location Code
Update Now
Automatically Update

Some of the existing dashboards

Patrons Added

Ptype Code	Pcode3	
VPL Local	VAIL RESRT	17
	Vail CLC Local	46
VPL Standard	VAIL Seas	31
	VAIL CLC	11
	VAIL Guest	80
	Vail CLC Local	1
VPL Non Bo..	VAIL Note	1
VPL Juvenile	VAIL Juv	6
	VAIL CLC Juv	2

Patrons Updated

Ptype Code	Pcode3	
VPL Local	VAIL RESRT	4
	VAIL Staff	1
	Vail CLC Local	31
VPL Standard	VAIL Seas	17
	VAIL CLC	6
	VAIL TSCO	1
	VAIL Guest	16
VPL Juvenile	VAIL Juv	4
	VAIL CLC Juv	1
VPL Exempt	VAIL Staff	1

Patron Counts

Ptype Code	
VPL Local	64
VPL Standard	142
VPL Non Borrower	38
VPL Juvenile	8
VPL Exempt	2
Grand Total	254

Date
August 1, 2017 — August 31, 2017

Marmot Borrows

Transaction Gmt		
July	August	Septem..
1,990	2,208	908

Marmot Lends

Transaction Gmt		
July	August	Septem..
1,657	1,859	984

Patron Home Library Code: (All)
Item Branch: (All)

Prospector Lends

Transaction Gmt		
July	August	Septem..
242	287	133

Borrows

Transaction Gmt		
July	August	Septem..
170	212	48

Item Branch: (All)

Circulation by Branch

Transaction Gmt		
July	August	Septem..
3,629	3,906	1,711

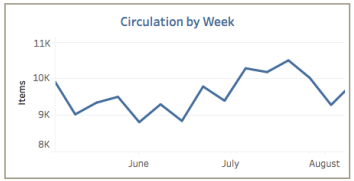
Stat Group Code Num: (Multiple values)

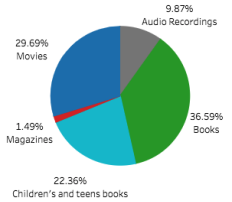
Items on holdshelf

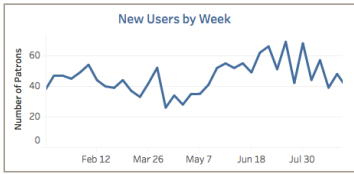
grf	118
grg	103
grh	33
grj	44
grk	51

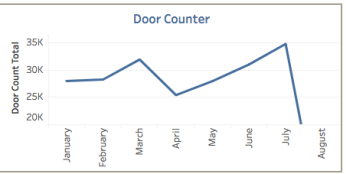
Patron Home Library Code: (All)

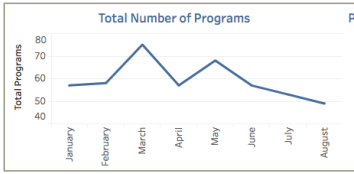
so far this year, **84,813** books,
51,835 children's & teen books, **68,837** movies,
3,448 magazines, **22,503** audio recordings circulated.

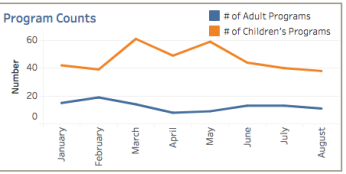




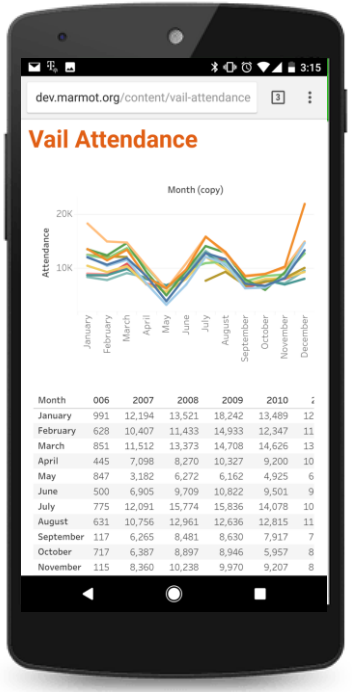


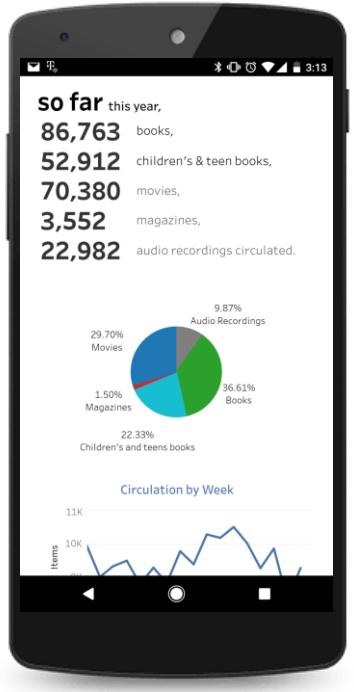






Mobile responsive





Annual report (easy mode)

1.21

Patrons in Postal Code

Postal Code (group)	
Appleton (81505)	4,568
Cedaredge (81413)	116
Clifton (81520)	6,963
Collbran (81624)	868
De Beque (81630)	480
Delta (81416)	194
Fruita (81521)	8,243
Fruitvale (81504)	12,849
Gateway (81522)	73
GJ North (81506)	4,932
Glade Park (81523)	366
Grand Junction (81501)	13,176
Loma (81524)	828
Mack (81525)	382
Mesa (81643)	289
Molina (81646)	72
Orchard Mesa (81503)	7,596
Palisade (81526)	2,803
PO Box (81502)	978
Redlands (81507)	7,420
Whitewater (81527)	818
Grand Total	**72,871**

1.22

Patrons in Postal Code

75,219

Annual Report 5.1-5.18

Itype Code Num	
DVD (30)	17,390
Easy Fiction (33)	20,635
Equipment (37)	56
Game (44)	1,223
Government Document (4..	97
Interlibrary Loan (48)	101
Juvenile CD (54)	2,022
Juvenile Fiction (56)	22,080
Juvenile Non-fiction (57)	26,464
Key (60)	15
Kit (61)	469
Music (69)	749
Periodical (73)	3,739
Reader (75)	5,288
Reference (78)	2,155
Toy (86)	40
Young Adult Audiobook (9..	405
1 hour (99)	45
Portable Player (104)	484
DVD New (106)	41
Limited Use (107)	65
Databases (112)	9,299
Young Adult Fiction (115)	8,451
Young Adult Non-Fiction (..	1,334
Graphic Novel (120)	4,420
Board Book (130)	1,597
Colorado (145)	27
Large Print Fiction (168)	8,619
Large Print Non-fiction (1..	901
Non-circ Pop-up Book (171)	84
Photograph (180)	59
Young Adult DVD (182)	196
Young Adult Video (184)	37
Juvenile DVD (186)	9,908
E-book (188)	185
TV Series (217)	4,015
Braille (230)	34
Special Collection (235)	3,442
Juvenile Music CD (238)	818
Grand Total	**267,594**

5.20-5.21

Transactions

Year of Transaction Gmt
2017
390,589

6.19-6.20

Items Lent

Patron Home Library Cod	Transaction Gmt August	Septem..
Basalt	55	45
Buena Vista	35	18
CMC Edwards	5	1
CMC Glenwood	4	1
CMC Leadville	3	1
CMC Steamboat	2	2
Colorado Christian	1	
cu		1
Eagle	47	18
Eagle Avon	60	34
Eagle Gypsum	9	12
Englewood Public	98	59
Fort Lewis	3	1
Garfield Carbondale	66	54
Garfield Glenwood	85	45
Garfield New Castle	47	10
Garfield Parachute	38	17
Garfield Rifle	43	28
Garfield Silt	16	13
Grand Fraser	56	10
Grand Granby	26	27
Grand Hot Sulphur	4	6
Grand Juniper	11	4
Grand Kremmling	33	22
Gunnison	1	

Items Borrowed

Item Agency Code Num	Transaction Gmt August	Septem..
Adams State	19	22
Basalt	56	29
CMC Glenwood	23	11
CMC Leadville	4	4
CMC Steamboat	16	9
Colorado Christian University	16	11
Eagle Valley	92	66
Gunnison Public	109	43
Colorado Mesa	39	19
Pitkin County	169	89
Wilkinson Public	79	43
Vail Public	54	32
Western State	19	12
Salida Regional	89	62
Grand County	87	52
Garfield County	264	150
Summit County	122	81
Mesa County	570	253
Steamboat Schools	16	15
Englewood Public	119	47
Rampart Library	41	23
Buena Vista Public	27	19
Pine River Public	20	12
Grand Total	2,050	1,104

The Future?

- Ability to refresh stats on demand
- Password protected reports
- Other analytics
  - PC Res
  - Wifi usage
  - Door Counters
  - Google Analytics
- Embed in your Library’s web site

Questions?