

Exploratory Sales Trends - Christophers

Allocate Analytics

July 10, 2018

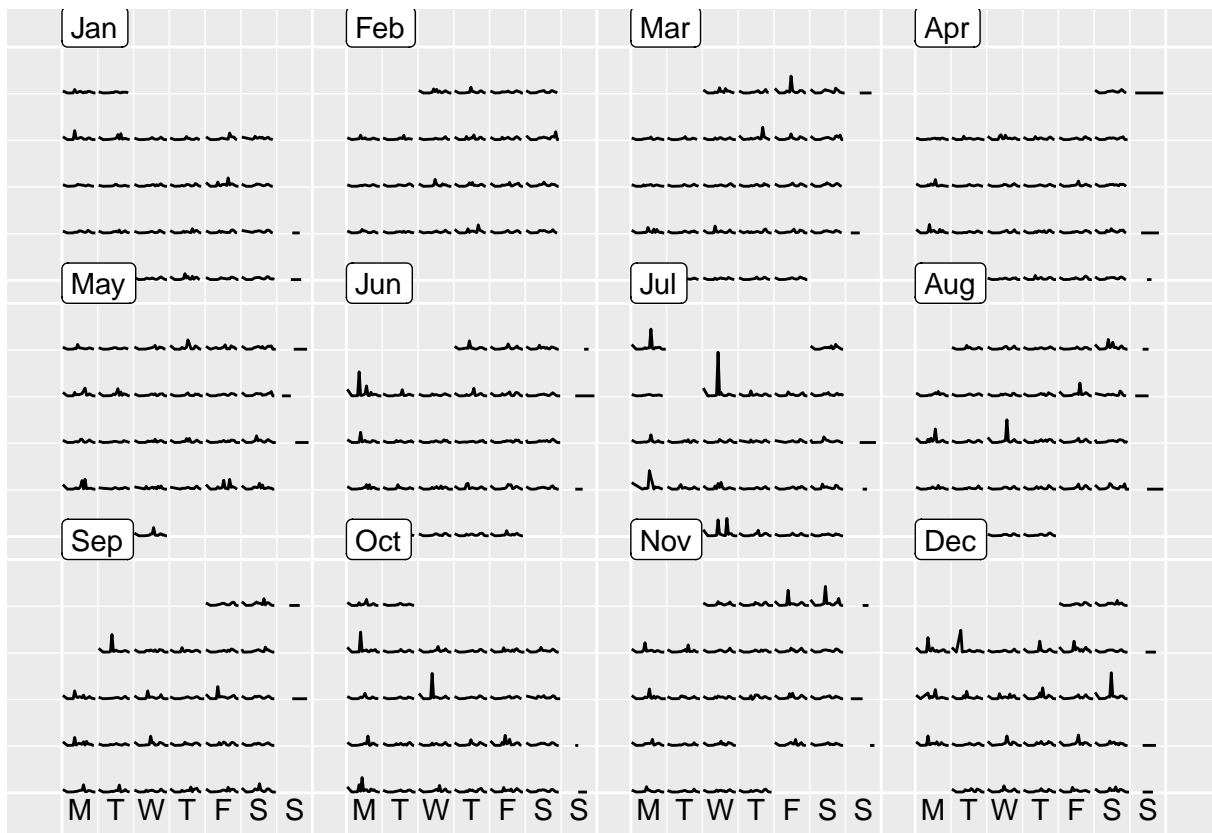
Original Calendar Plot from sales

##	X	EMPLOYEE	CHECK	PERIOD	TYPE	TYPEID	AMOUNT	OPENHOUR	OPENMIN	ORDERHOUR
## 1	1	766	0	0	22	0	0.00	0	0	16
## 2	2	160	0	0	22	0	0.00	0	0	14
## 3	3	160	0	0	21	1	64.65	0	0	00
## 4	4	160	20002	1	1	0	0.00	8	10	08
## 5	5	160	20002	1	10	0	7.00	8	10	08
## 6	6	160	20002	1	11	0	1.00	8	10	08
##	ORDERMIN	CLOSEHOUR	CLOSEMIN	SHIFT	COUNT	REVENUE	TIEMP	UNIT	DOB	
## 1	10	3	0	1	0	0	766	1	2017-01-01	
## 2	23	2	0	1	0	1	160	1	2017-01-02	
## 3	00	0	0	1	0	1	160	1	2017-01-02	
## 4	11	8	49	1	1	2	160	1	2017-01-02	
## 5	11	8	49	1	7	2	160	1	2017-01-02	
## 6	11	8	49	1	1	2	160	1	2017-01-02	
##	TYPEID2	OCCASION	REVID2	TIEMPSHFT	DRAWERID	Date.Time				
## 1	1	1	0	1	0	2017-01-01 16:10:00				
## 2	1	1	0	1	0	2017-01-02 14:23:00				
## 3	0	1	0	1	0	2017-01-02 00:00:00				
## 4	0	1	0	1	0	2017-01-02 08:11:00				
## 5	0	1	0	1	0	2017-01-02 08:11:00				
## 6	0	1	0	1	0	2017-01-02 08:11:00				
##	Date.Round	Date								
## 1	2017-01-01 16:00:00	2017-01-01								
## 2	2017-01-02 14:00:00	2017-01-02								
## 3	2017-01-02 00:00:00	2017-01-02								
## 4	2017-01-02 08:00:00	2017-01-02								
## 5	2017-01-02 08:00:00	2017-01-02								
## 6	2017-01-02 08:00:00	2017-01-02								
##	X	EMPLOYEE	CHECK	PERIOD	TYPE	TYPEID	AMOUNT	OPENHOUR	OPENMIN	
## 1389964	1389964	1224	30091	3	51	6	25.80	16	41	
## 1389965	1389965	1224	30091	3	52	6	25.80	16	41	
## 1389966	1389966	1224	30091	3	53	6	27.67	16	41	
## 1389967	1389967	1224	30091	3	1	22	0.00	16	41	
## 1389968	1389968	681	0	0	22	0	0.00	0	0	
## 1389969	1389969	783	0	0	22	0	0.00	0	0	
##	ORDERHOUR	ORDERMIN	CLOSEHOUR	CLOSEMIN	SHIFT	COUNT	REVENUE	TIEMP		
## 1389964	16	42	17	7	1	1	1	1224		
## 1389965	16	42	17	7	1	1	1	1224		
## 1389966	16	42	17	7	1	1	1	1224		
## 1389967	16	42	17	7	1	1	1	1224		
## 1389968	15	11	3	0	1	0	0	681		
## 1389969	08	53	3	0	1	0	0	783		
##	UNIT	DOB	TYPEID2	OCCASION	REVID2	TIEMPSHFT	DRAWERID			
## 1389964	1	2017-12-30	1	1	0	1	0			

```

## 1389965      1 2017-12-30      0      1      0      1      0
## 1389966      1 2017-12-30      0      1      0      1      0
## 1389967      1 2017-12-30      0      1      0      1      0
## 1389968      1 2017-12-31      1      1      0      1      0
## 1389969      1 2017-12-31      1      1      0      1      0
##              Date.Time          Date.Round      Date
## 1389964 2017-12-30 16:42:00 2017-12-30 16:00:00 2017-12-30
## 1389965 2017-12-30 16:42:00 2017-12-30 16:00:00 2017-12-30
## 1389966 2017-12-30 16:42:00 2017-12-30 16:00:00 2017-12-30
## 1389967 2017-12-30 16:42:00 2017-12-30 16:00:00 2017-12-30
## 1389968 2017-12-31 15:11:00 2017-12-31 15:00:00 2017-12-31
## 1389969 2017-12-31 08:53:00 2017-12-31 08:00:00 2017-12-31

```



```

##              Date.Round      Date      AMOUNT
## 1 2017-07-05 10:00:00 2017-07-05 121058.70
## 2 2017-12-16 11:00:00 2017-12-16  72022.35
## 3 2017-10-11 09:00:00 2017-10-11  70249.21
## 4 2017-06-05 08:00:00 2017-06-05  66544.05
## 5 2017-08-16 13:00:00 2017-08-16  63036.32
## 6 2017-12-05 06:00:00 2017-12-05  60654.45

```

Plot by \$ Without Outliers

```

##  CHECK      DOB  AMOUNT TRANSACTIONID
## 1      0 2017-01-01    0.00            1
## 2      0 2017-01-02 7808.20            2

```

##	3	10001	2017-01-02	118.63	3
##	4	10003	2017-01-02	71.74	4
##	5	10004	2017-01-02	145.72	5
##	6	10005	2017-01-02	65.68	6

99%

2485.095

[1] 77384 4

[1] 113873

[1] 76610 4

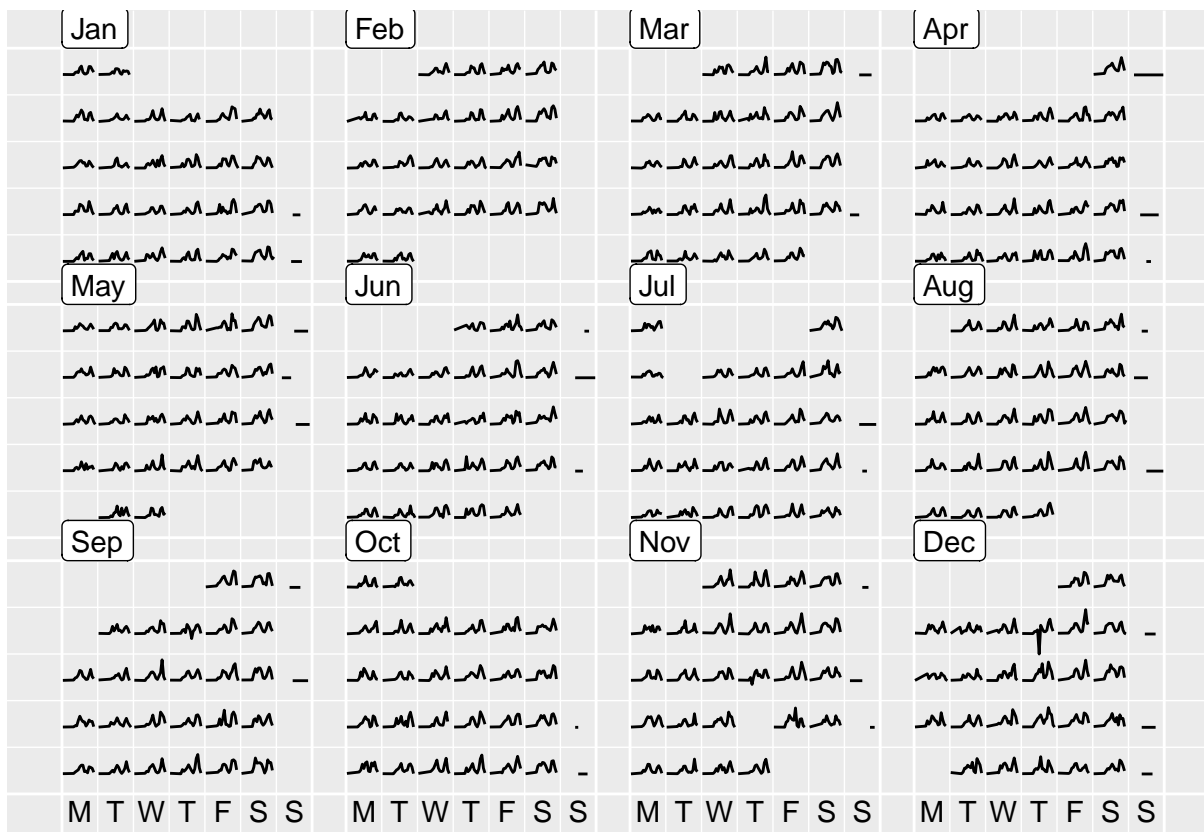
[1] 2483.65

##	CHECK	DOB	AMOUNT	TRANSACTIONID
## 1	0	2017-01-01	0.00	1
## 2	10001	2017-01-02	118.63	3
## 3	10003	2017-01-02	71.74	4
## 4	10004	2017-01-02	145.72	5
## 5	10005	2017-01-02	65.68	6
## 6	10006	2017-01-02	158.73	7

##	CHECK	DOB	X	EMPLOYEE	PERIOD	TYPE	TYPEID	AMOUNT	OPENHOUR
## 1	0	2017-01-01	1	766	0	22	0	0	0
## 2	0	2017-01-08	23936	783	0	22	0	0	0
## 3	0	2017-01-15	48827	783	0	22	0	0	0
## 4	0	2017-01-22	75799	783	0	22	0	0	0
## 5	0	2017-01-22	75798	766	0	22	0	0	0
## 6	0	2017-01-22	75797	681	0	22	0	0	0
## 7	0	2017-01-29	100784	681	0	22	0	0	0
## 8	0	2017-01-29	100783	206	0	22	0	0	0
## 9	0	2017-01-29	100785	766	0	22	0	0	0
## 10	0	2017-01-29	100786	783	0	22	0	0	0
## 11	0	2017-02-05	125391	783	0	22	0	0	0
## 12	0	2017-02-12	151462	783	0	22	0	0	0
## 13	0	2017-02-19	178213	766	0	22	0	0	0
## 14	0	2017-02-26	205923	783	0	22	0	0	0
## 15	0	2017-03-05	232789	480	0	22	0	0	0
## 16	0	2017-03-05	232790	783	0	22	0	0	0
## 17	0	2017-03-12	261049	783	0	22	0	0	0
## 18	0	2017-03-19	287862	681	0	22	0	0	0
## 19	0	2017-03-26	314399	681	0	22	0	0	0
## 20	0	2017-03-26	314400	783	0	22	0	0	0

##	OPENMIN	ORDERHOUR	ORDERMIN	CLOSEHOUR	CLOSEMIN	SHIFT	COUNT	REVENUE
## 1	0	16	10	3	0	1	0	0
## 2	0	10	13	3	0	1	0	0
## 3	0	10	00	3	0	1	0	0
## 4	0	10	33	3	0	1	0	0
## 5	0	15	43	3	0	1	0	0
## 6	0	15	45	3	0	1	0	0
## 7	0	16	57	3	0	1	0	0
## 8	0	09	49	3	0	1	0	0
## 9	0	16	57	3	0	1	0	0
## 10	0	09	33	3	0	1	0	0
## 11	0	08	19	3	0	1	0	0

## 12	0	10	08	3	0	1	0	0
## 13	0	11	50	3	0	1	0	0
## 14	0	12	00	3	0	1	0	0
## 15	0	17	46	2	0	1	0	0
## 16	0	09	22	3	0	1	0	0
## 17	0	13	16	3	0	1	0	0
## 18	0	11	47	3	0	1	0	0
## 19	0	03	00	1	0	1	0	0
## 20	0	09	06	3	0	1	0	0
##	TIPEMP	UNIT	TYPEID2	OCCASION	REVID2	TIPEMPSHFT	DRAWERID	
## 1	766	1	1	1	0	1	0	
## 2	783	1	1	1	0	1	0	
## 3	783	1	1	1	0	1	0	
## 4	783	1	1	1	0	1	0	
## 5	766	1	1	1	0	1	0	
## 6	681	1	1	1	0	1	0	
## 7	681	1	1	1	0	1	0	
## 8	206	1	1	1	0	1	0	
## 9	766	1	1	1	0	1	0	
## 10	783	1	1	1	0	1	0	
## 11	783	1	1	1	0	1	0	
## 12	783	1	1	1	0	1	0	
## 13	766	1	1	1	0	1	0	
## 14	783	1	1	1	0	1	0	
## 15	480	1	1	1	0	1	0	
## 16	783	1	1	1	0	1	0	
## 17	783	1	1	1	0	1	0	
## 18	681	1	1	1	0	1	0	
## 19	681	1	1	1	0	1	0	
## 20	783	1	1	1	0	1	0	
##	Date.Time			Date.Round		Date	TRANSACTIONID	
## 1	2017-01-01 16:10:00			2017-01-01 16:00:00		2017-01-01	1	
## 2	2017-01-08 10:13:00			2017-01-08 10:00:00		2017-01-08	1318	
## 3	2017-01-15 10:00:00			2017-01-15 10:00:00		2017-01-15	2707	
## 4	2017-01-22 10:33:00			2017-01-22 10:00:00		2017-01-22	4191	
## 5	2017-01-22 15:43:00			2017-01-22 15:00:00		2017-01-22	4191	
## 6	2017-01-22 15:45:00			2017-01-22 15:00:00		2017-01-22	4191	
## 7	2017-01-29 16:57:00			2017-01-29 16:00:00		2017-01-29	5603	
## 8	2017-01-29 09:49:00			2017-01-29 09:00:00		2017-01-29	5603	
## 9	2017-01-29 16:57:00			2017-01-29 16:00:00		2017-01-29	5603	
## 10	2017-01-29 09:33:00			2017-01-29 09:00:00		2017-01-29	5603	
## 11	2017-02-05 08:19:00			2017-02-05 08:00:00		2017-02-05	6980	
## 12	2017-02-12 10:08:00			2017-02-12 10:00:00		2017-02-12	8430	
## 13	2017-02-19 11:50:00			2017-02-19 11:00:00		2017-02-19	9925	
## 14	2017-02-26 12:00:00			2017-02-26 12:00:00		2017-02-26	11465	
## 15	2017-03-05 17:46:00			2017-03-05 17:00:00		2017-03-05	12978	
## 16	2017-03-05 09:22:00			2017-03-05 09:00:00		2017-03-05	12978	
## 17	2017-03-12 13:16:00			2017-03-12 13:00:00		2017-03-12	14564	
## 18	2017-03-19 11:47:00			2017-03-19 11:00:00		2017-03-19	16064	
## 19	2017-03-26 03:00:00			2017-03-26 03:00:00		2017-03-26	17541	
## 20	2017-03-26 09:06:00			2017-03-26 09:00:00		2017-03-26	17541	



Plot showing volume based on checks

