

# Document title

D Goldsmith + R + Latex

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Lets try Embedding R code in a Latex file Hopefully this can Automate  
some data generation

So First Lets Fetch Some Data

```
> library(RMySQL)
> library(ggplot2)
> drv <- dbDriver("MySQL")
> con <- dbConnect(drv,dbname="mainStore",user="root",password="Ex3lS4ga")
> allHouses <- dbGetQuery(con,statement="SELECT * FROM House WHERE address !=
```

This should show something, Next we have a boxplot

```
> print(allHouses)
```

	id	deploymentId	address	startDate
1	11	1	5 Elm Road	2011-12-19 00:00:00
2	12	1	158 Trevelyan Crescent	2011-12-19 00:00:00
3	13	1	1 Avon Road	2012-01-13 12:30:00
4	14	1	10 Southam Gardens	2012-01-13 00:00:00
5	15	1	73 St Peters Road	2012-01-13 00:00:00
6	16	1	28 Hastings Road	2012-01-13 00:00:00
7	17	1	2 Berryfields	2012-02-09 00:00:00
8	18	1	Mrs Brown Southam	2012-02-09 00:00:00
9	19	1	14 George Street, Stockton	2012-02-09 00:00:00
10	20	3	7 New Park	2012-03-08 00:00:00
11	21	3	20 New Park	2012-03-08 00:00:00
12	22	3	26 New Park	2012-03-08 00:00:00
13	23	3	25 New Park	2012-03-08 00:00:00
14	24	3	27 New Park	2012-03-08 00:00:00
15	25	4	Brays lane	<NA>
16	26	4	131Jodrell	2011-12-12 00:00:00

17	27	4	155Jodrell	2011-10-12	00:00:00
18	28	4	227FoleshillA	2011-07-21	00:00:00
19	29	4	30Newdigate	2011-08-10	00:00:00
20	30	4	Rooftop		<NA>
		endDate			
1	2012-01-09	00:00:00			
2	2012-01-09	00:00:00			
3	2012-02-02	00:00:00			
4	2012-02-02	00:00:00			
5	2012-02-02	00:00:00			
6	2012-02-02	00:00:00			
7	2012-02-23	00:00:00			
8	2012-02-23	00:00:00			
9	2012-02-23	00:00:00			
10	2012-04-04	22:00:00			
11	2012-04-04	22:00:00			
12	2012-05-14	22:00:00			
13	2012-05-14	22:00:00			
14	2012-04-13	22:00:00			
15		<NA>			
16	2012-02-17	00:00:00			
17	2011-11-15	00:00:00			
18	2011-09-08	00:00:00			
19	2011-08-25	00:00:00			
20		<NA>			