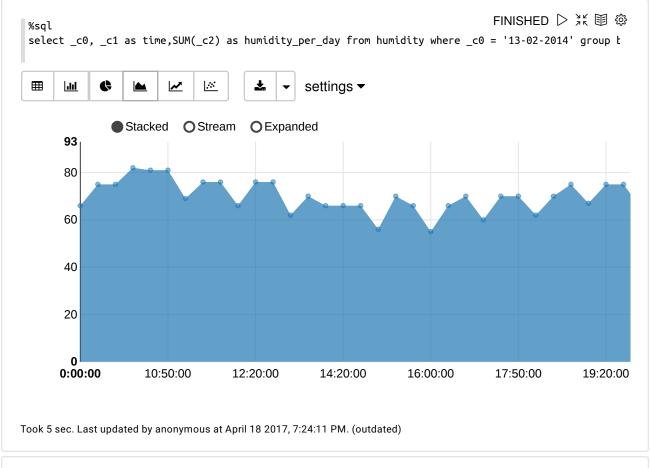
val humData = sqlContext.read.format("com.databricks.spark.csv").load("/home/scarface/besktop/sem-scarface/besktop

humData: org.apache.spark.sql.Dataset[org.apache.spark.sql.Row] = [\_c0: string, \_c1: string ... 1 mor
e field]

warning: there was one deprecation warning; re-run with -deprecation for details

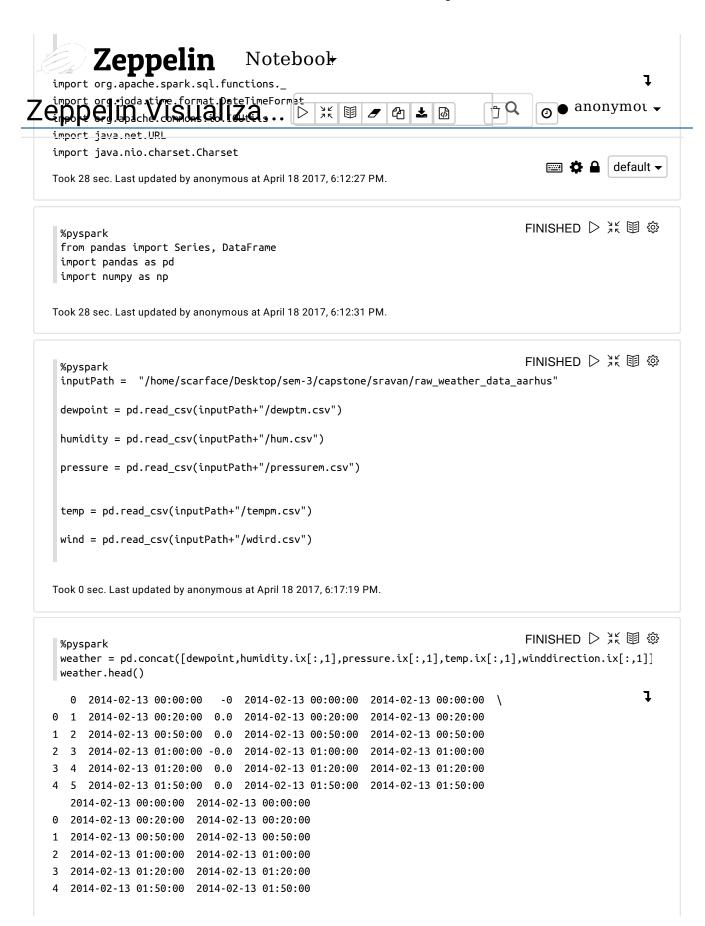
Took 15 sec. Last updated by anonymous at April 18 2017, 7:21:58 PM.



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FINISHED ▷ 茉 탭 ‡

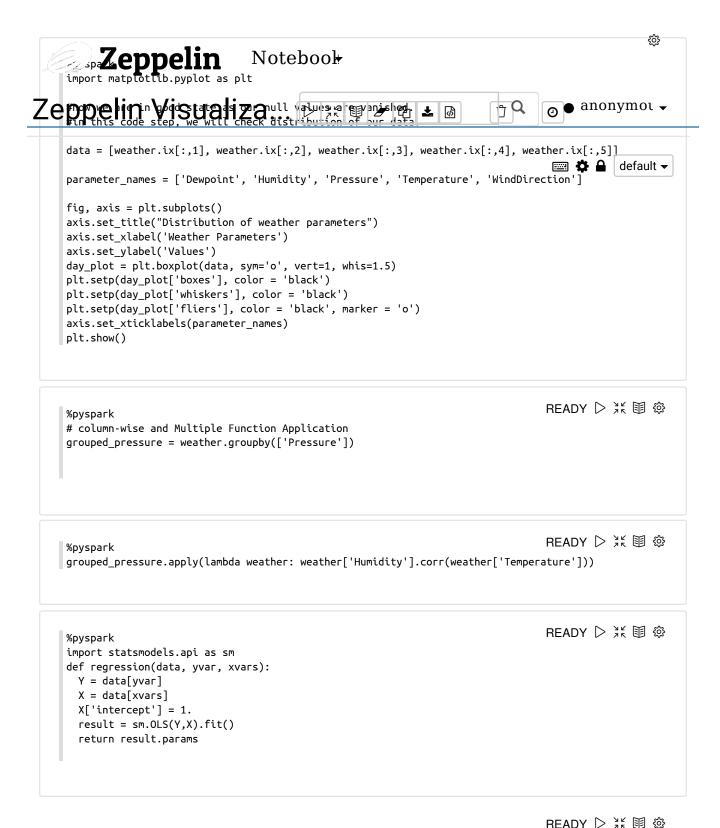
import org.apache.spark.sql.functions.\_
import org.joda.time.format.DateTimeFormat
import org.apache.commons.io.IOUtils

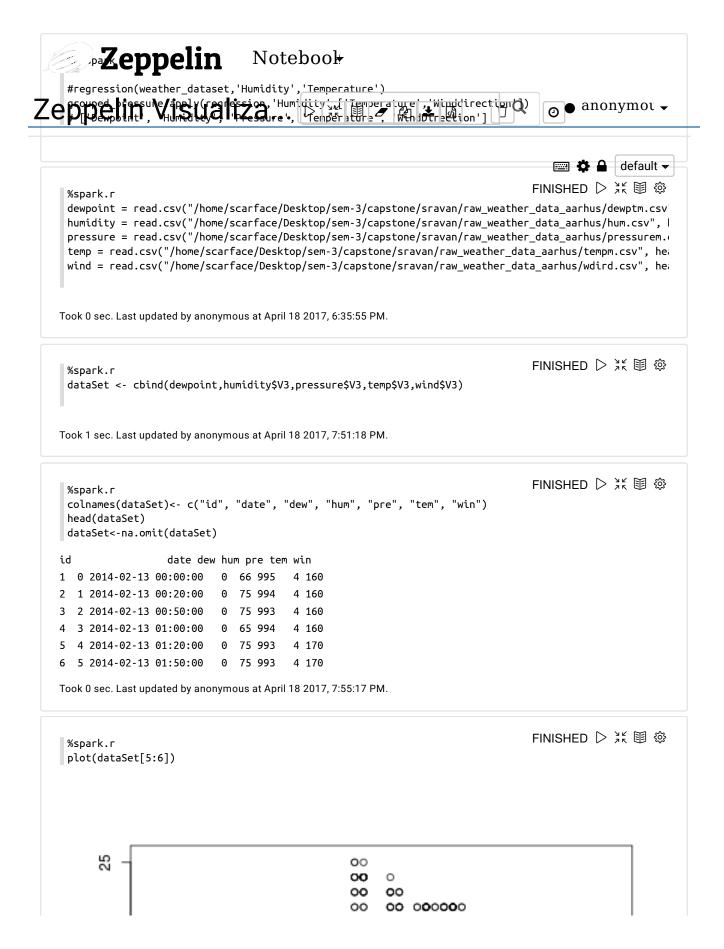


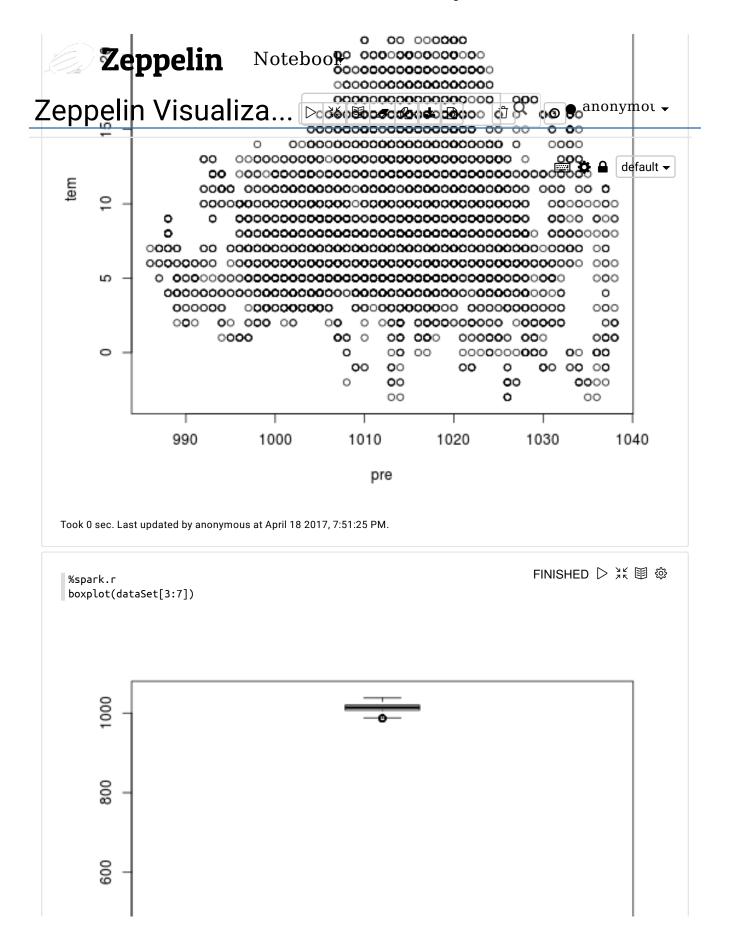
## Took 0 sec. Last updated by anonymous at April 18 2017, 6:16:38 PM. Zeppelin Notebook Bandnym li Zeppelin Visualiza... <sup>2</sup> Q 3K 🔳 ☐ ♣ ☐ default ▼ FINISHED ▷ ⅙ ☐ �� %pyspark weather.ix[:,1:].sum(axis=1) FINISHED ▷ ¾ ∏ ฿ %pyspark weather.ix[:,1:].mean(axis=1,skipna=False) FINISHED ▷ 端 間 戀 %pyspark weather.isnull().any() False 2014-02-13 00:00:00 False True 2014-02-13 00:00:00 False 2014-02-13 00:00:00 False 2014-02-13 00:00:00 False 2014-02-13 00:00:00 False dtype: bool Took 0 sec. Last updated by anonymous at April 18 2017, 6:14:42 PM. FINISHED ▷ 光 圓 墩 %pyspark #In this step, we will try to update null values. #filling null values could be complicated.As we seen in previous data exploration steps #that 116 was the maximum null values and total datasize is 12563. Since, maximum percent of null $\iota$ #So, null values will be replaced by mean of the particular parameter. def updatenullvalues(dataset): for col in dataset.ix[:,1:]: if dataset[col].isnull().any: mean = dataset[col].mean() dataset[col].fillna(mean,inplace=True) return dataset Took 0 sec. Last updated by anonymous at April 18 2017, 6:14:48 PM.

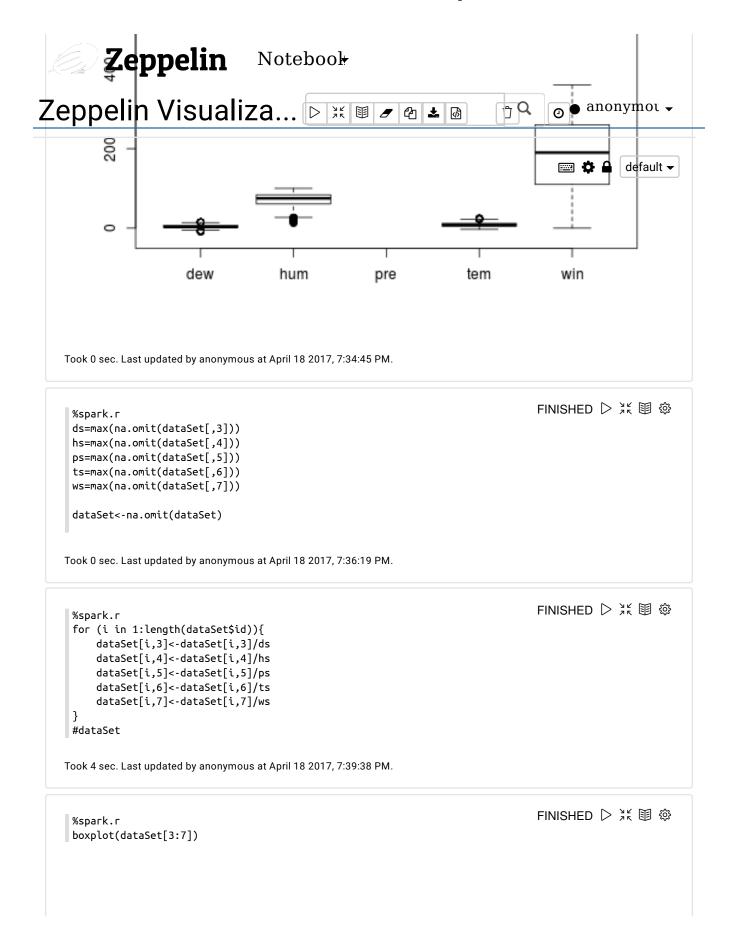
%pyspark

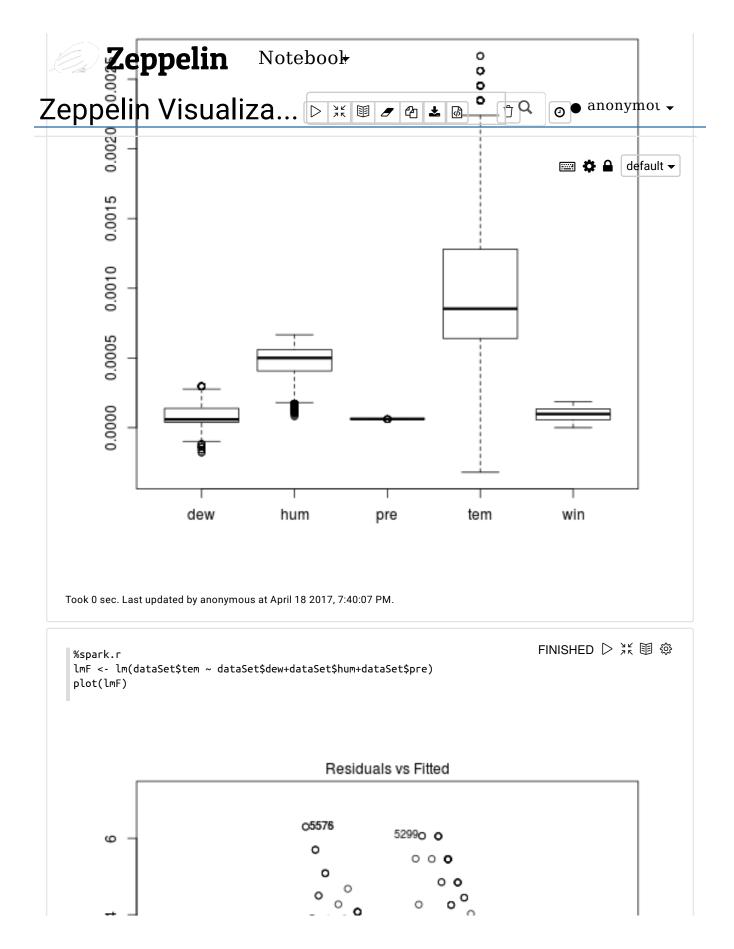
#Let's update null values in our dataset.
weather = updatenullvalues(weather\_dataset)
#verify is there still any null value left in the dataset
weather.isnull().sum()

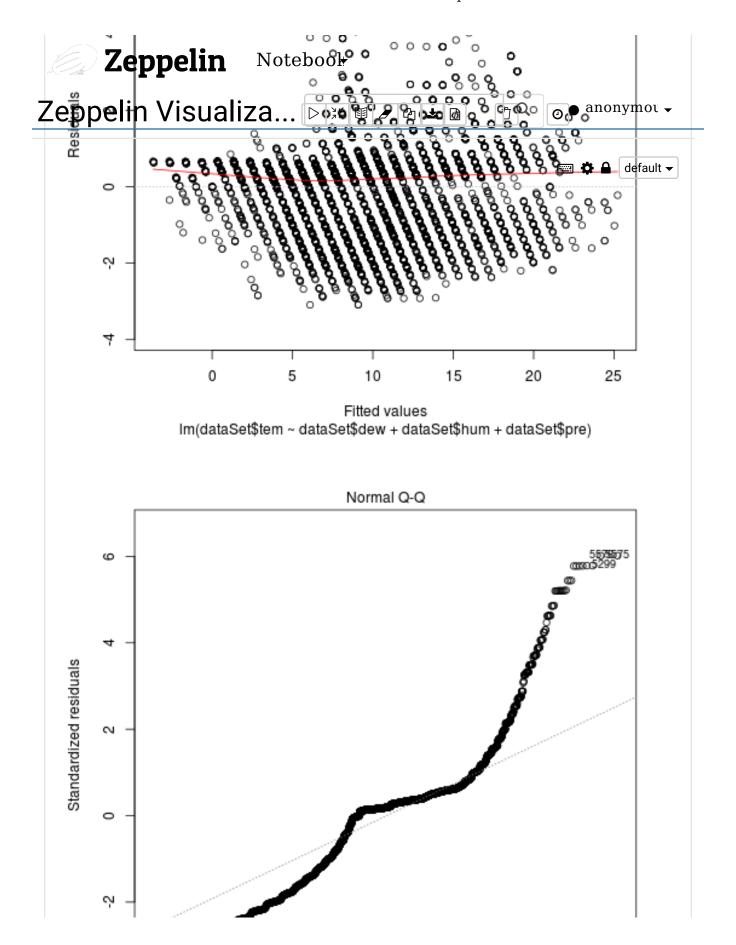


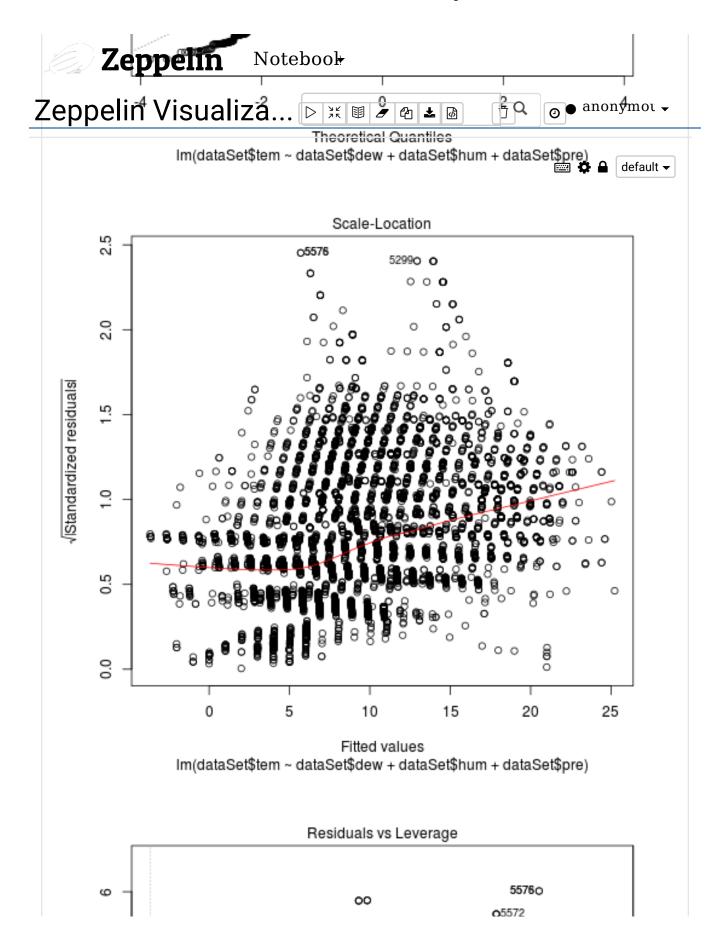


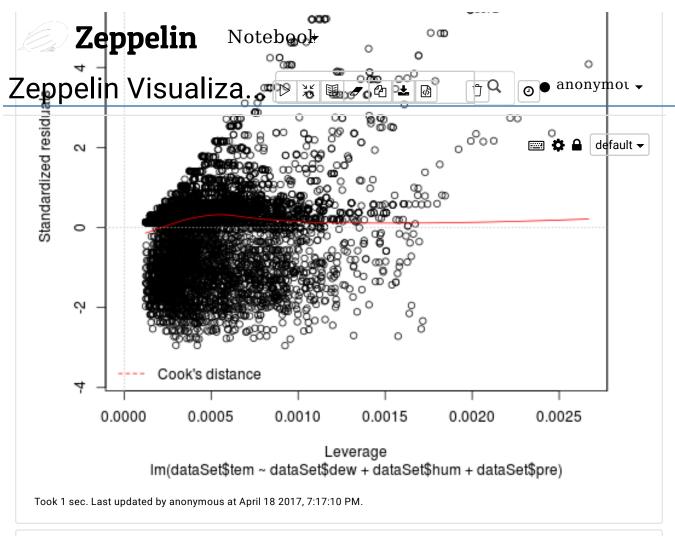


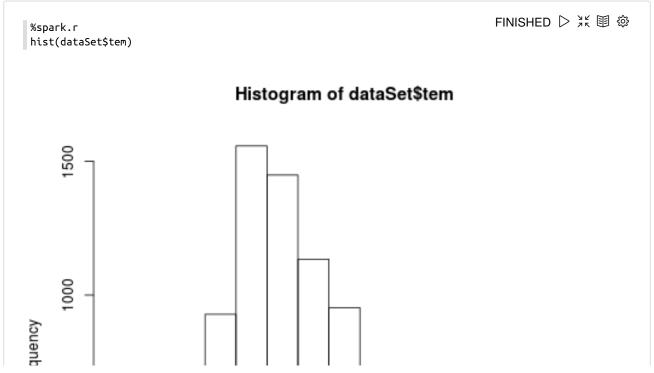


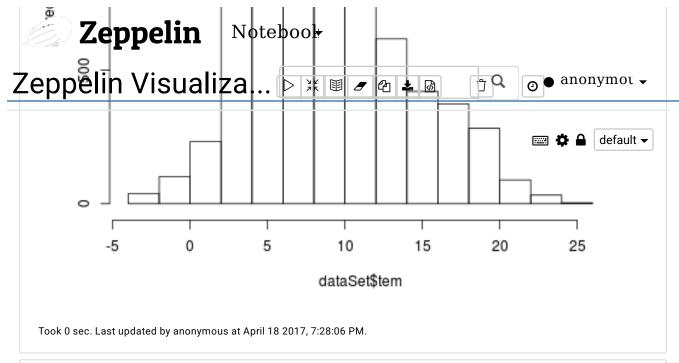




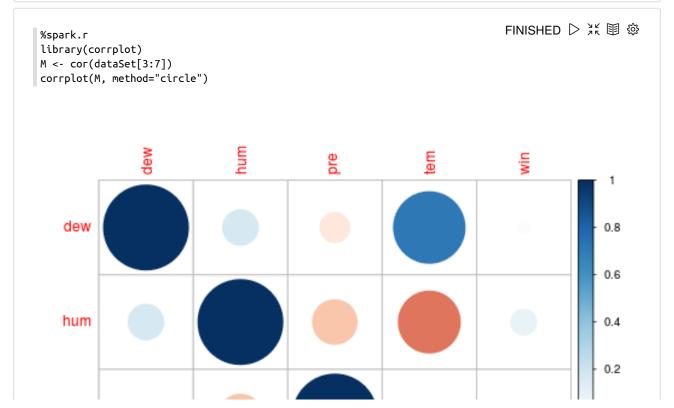


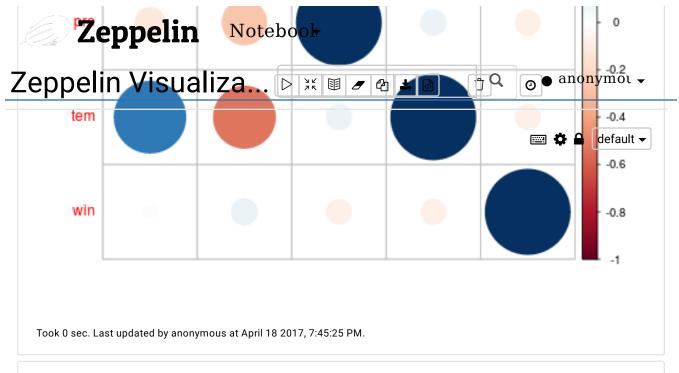


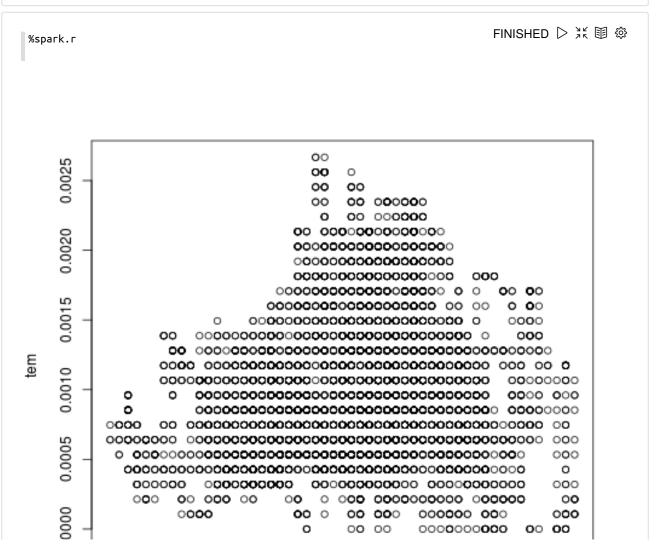


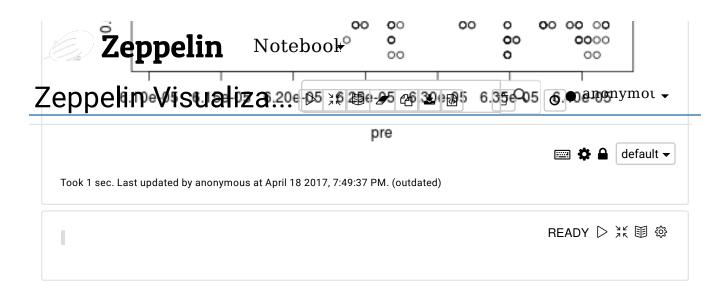












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