**###**Changing times – variable = expression

* timestamp=strftime(\_time,"%d %B, %I:%M %p")

###Lookup

index="\_internal" log\_level=\*

| lookup test.csv log\_level OUTPUT colname2

| table log\_level colname2

*For the lookup it is <lookup table> <field to match can be renamed to match> OUTPUT <what you want to take from the lookup table>*

####Create Map

| inputlookup geo\_us\_states

| join featureId [search host="homework" state=\* usr=\* | rename state AS state\_code | lookup geo\_attr\_us\_states.csv state\_code OUTPUT state\_name AS featureId]

| stats count(usr) BY featureId

| geom geo\_us\_states featureIdField=featureId

*Need to make the geographic match from the inputlookup table. In that, the states are called featureId, so need to rename my column that so it can join up. For the join, just specify the name of the column to join on and then do the table or create a subquery as above*