```
0
               dummv
                                3.708089
               bedrooms
                                -0.081675
               bathrooms
                                 0.334238
               sqft living
                               0.262307
               sqft lot
                              0.266628
               floors
                              0.391914
               waterfront
                                0.650015
               view
                              0.451144
               condition
                               0.315438
               grade
                              0.864715
               sqft_above
                                0.786736
               sqft_basement
                                  0.556867
                              0.115298
               yr_built
               yr_renovated
                                 0.313922
               zipcode
                               0.189474
                            0.647279
               lat
               long
                              0.180983
               sqft_living15
                                0.291087
               sqft lot15
                               -0.178025
               month
                               0.407665
                              0.115871
               day
                              0.596041
               year
               age_since_renovation 0.718179
Learning Rate
                                              0.0001
                                  7.08253723931675
Validation Loss
                                  8.22245298633204
                                0
                                5.358620
               dummy
               bedrooms
                                -0.283289
               bathrooms
                                0.373293
                               0.346206
               sqft_living
               sqft_lot
                              0.067569
               floors
                              0.052297
                               0.437491
               waterfront
               view
                              0.551740
               condition
                               0.201014
                              1.066169
               grade
               sqft_above
                                1.079076
               sqft_basement
                                  0.327076
               yr_built
                              0.098518
               yr_renovated
                                 0.399248
               zipcode
                               -0.242792
               lat
                             0.827121
               long
                             -0.298779
               sqft_living15
                                0.214712
               sqft lot15
                               -0.105343
               month
                               0.085025
               day
                             -0.045097
               year
                              0.182251
               age_since_renovation 0.885681
Learning Rate
                                               0.001
```

weights

weights

Training Loss

Validation Loss

Training Loss

3.84972041103604

4.74652641987865

Part1

0 dummy 5.349426 bedrooms -0.286467 bathrooms 0.338054 sqft living 0.981912 sqft_lot 0.059961 0.023097 floors waterfront 1.826660 view 0.515743 condition 0.199870 grade 1.105072 sqft_above 0.569297 sqft_basement 0.044030 -0.531891 yr_built yr renovated 0.148391 zipcode -0.264047 0.834537 lat -0.308168 long sqft living15 0.138688 sqft lot15 -0.100964 month 0.060834 -0.048391 day 0.170798 year age_since_renovation 0.248342 0.01 3.78510447100487 Validation Loss 4.6239632243765 0 5.334798 dummy bedrooms -0.281035 bathrooms 0.339257 sqft_living 0.363812 sqft_lot 0.058100 floors 0.019725 waterfront 3.981468 view 0.446250 condition 0.199757 grade 1.117035 sqft_above 1.117794 sqft_basement 0.346568 yr_built -0.762457 yr_renovated 0.054661 zipcode -0.263449 0.836287 lat long -0.303452 sqft_living15 0.143856 sqft_lot15 -0.099367 month 0.055486 -0.050483 day year 0.172414 age since renovation 0.017558

weights

weights

Learning Rate

Training Loss

Validation Loss

Learning Rate

Training Loss

0.1

3.75743438401109 4.50156242286967