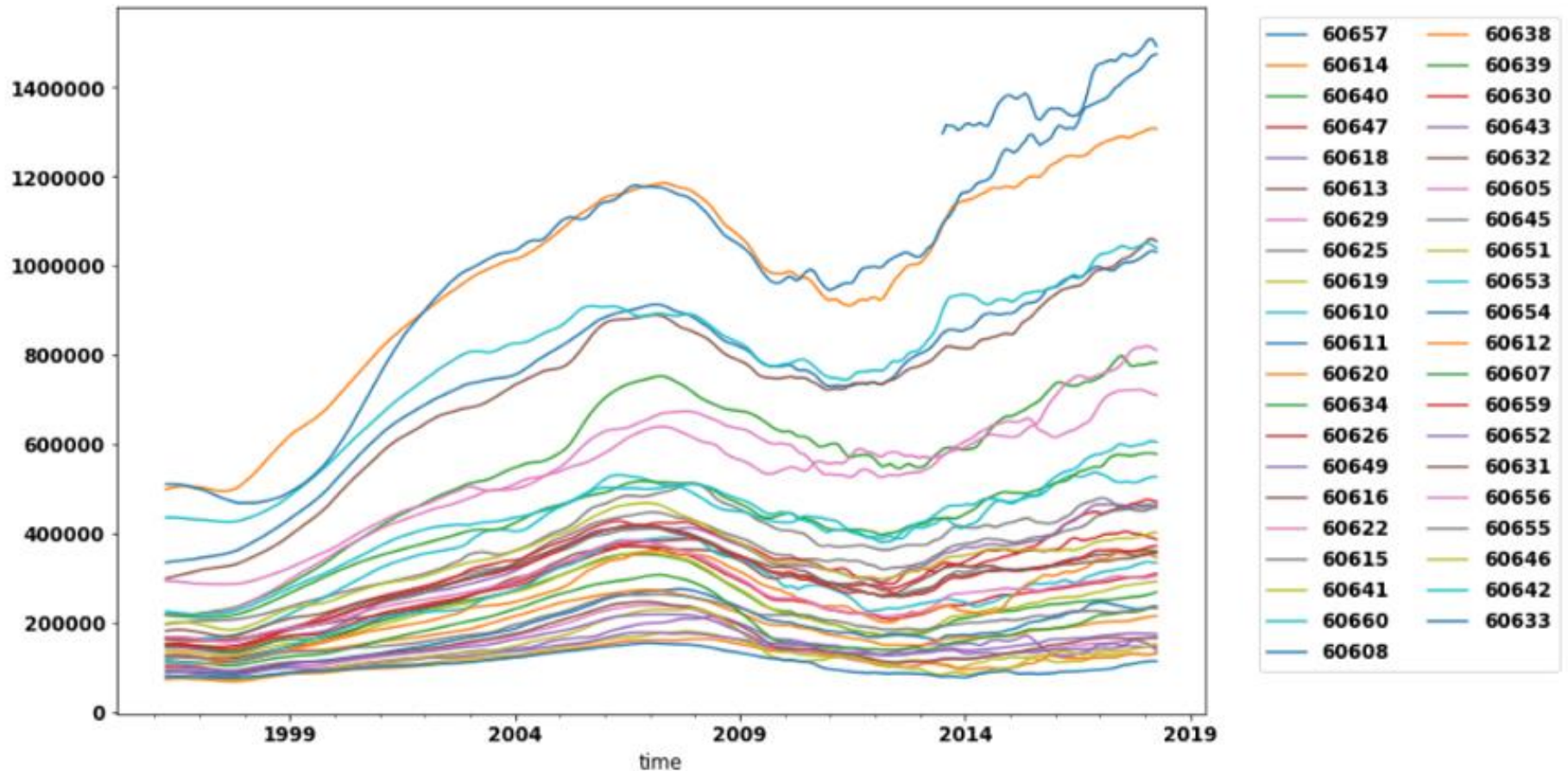


Time Series Predictions on Real Estate prices

Examining average real estate prices
per zipcode in
Chicago, IL

General Trends



Results

Top zipcodes based on Profit and Return on Investment

	zipcode	known_RMSE	forecast_2019_04	confid_min	confid_max	profit	roi	2018_04_price	max_loss	loi
30	60654	41723.09	1549519	1432758	1666279	75019	0.05	1474500	41742	0.028309
5	60613	279495.55	1089697	1028112	1151282	34397	0.03	1055300	27188	0.025763
0	60657	255816.74	1059517	999591	1119442	28917	0.03	1030600	31009	0.030088
12	60634	785861.42	291886	262907	320864	24286	0.09	267600	4693	0.017537

Recommendations

- * Due to risk of loss and the small profit margins:

I **do not** recommend to invest in Real Estate in Chicago, IL

Future work

- * Find another area to invest in, such as Kings County, NY:

Best zipcodes based on Profit and Return on Investment

	zipcode	known_RMSE	price_2018_04	forecast_2019_04	confid_min	confid_max	profit	roi	max_loss	loi
0	11226	14298.96	963200	1122250	1006179	1238322	159050	0.17	-42979	-0.044621
2	11230	195286.09	1195400	1394810	1293215	1496404	199410	0.17	-97815	-0.081826
12	11233	108914.16	852300	978919	893376	1064462	126619	0.15	-41076	-0.048194
14	11218	160910.85	1220900	1400089	1232303	1567875	179189	0.15	-11403	-0.009340
15	11223	105761.42	1026600	1207442	1111869	1303016	180842	0.18	-85269	-0.083060
26	11217	1521436.91	3656000	3993781	3763289	4224274	337781	0.09	-107289	-0.029346

Thank you for joining me
for this presentation.

Levi Raichik