Sydney Metropolitan Area



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Property is has been known as a great secured investment vehicle which gives a cosistent capital growth over the year. It is relatively easy to get bank finance for property purchase and becuse of this high leverage, property gives a high return on investment.



Figure: Growth of Australian house price 1926-2016 (source: https://www.livewiremarkets.com)

The question is: How to get property with high growth potential?

We have answered this in this presentation

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Every where property growth equates to

Location

Location

&

location

But how to find that location??

We will find the answer soon!!

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Main Vehicle of propery growth = Population (X10)

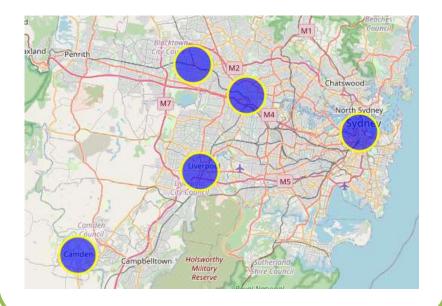
Other factors: Multiply that with a multiple

- Travel & Transport X 5
- College & University X 4
- Shop & Service X 3
- Professional & Other Places X 2
- Outdoors & Recreation X2
- All other X 1

Multiple (weight factor): Higher the importance greater the multiple

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We have 5 cties of Sydney Metropolitan to choose from: Sydney, Paramatta,Blacktown, Liverpool and Camden

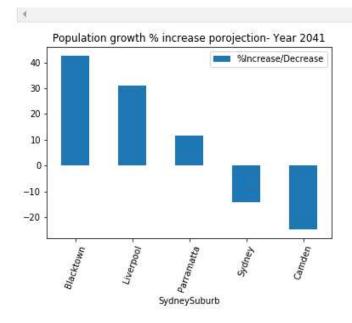


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First we get the population long term growth prediction:

(Source: https://www.planning.nsw.gov.au/)

];	SydneySuburb	2016	2021	2026	2031	2036	2041	%Increase/Decrease
0	Blacktown	164534.0	198945.0	220879.0	229397.0	228720.0	234613.0	42.59
2	Liverpool	37694.0	43768.0	48429.0	48497.0	48218.0	49362.0	30.95
3	Parramatta	265468.0	269596.0	275246.0	281802.0	288431.0	296625.0	11.74
4	Sydney	20558.0	20188.0	19746.0	19169.0	18453.0	17619.0	-14.30
1	Camden	18114.0	17272.0	16459.0	15580.0	14635.0	13641.0	-24.69



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Then we get the location of these places:

	SydneySuburb	Latitude	Longitude
0	Parramatta	-33.8136	151.0034
1	Blacktown	-33.7668	150.9053
2	Liverpool	-33.9286	150.9180
3	Camden	-34.0544	150.6958
4	Sydney	-33.8688	151.2093

(Source: https://www.latlong.net/category/towns-14-55.html)



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Use foresquare api to get venue information

SydneySuburb	%Increase/Decrease	Latitude	Longitude	Arts & Entertainment	College & University	Event	Food	Nightlife Spot	Outdoors & Recreation	Professional & Other Places	Residence	Shop & Service
Blacktown	42.59	-33,7668	150,9053	5	4	0	39	4	8	43	4	51
Liverpool	30.95	-33,9286	150,9180	5	2	0	13	6	6	9	3	16
Parramatta	11.74	-33,8136	151.0034	5	7	2	86	13	20	50	5	67
Sydney	-14.30	-33,8688	151,2093	42	62	7	146	120	99	136	24	137
Camden	-24,69	-34.0544	150.6958	5	2	0	11	5	5	7	1	7

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Multiply factors with weight factors

- Population growth X 10
- Travel & Transport X 5
- College & University X 4
- Shop & Service X 3
- Professional & Other Places X 2
- Outdoors & Recreation X2
- All other X 1

Once different factors are identified they are multiplied by respective weight factors for instance population growth is multiplied by 10, shop and services by 3 etc.

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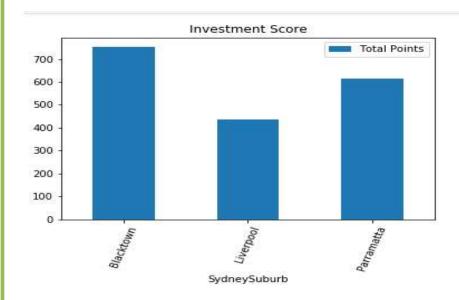
Multiply factor with the multiple and add them to get the Total points.

	df_analyticalData[['SydneySuburb'	','Total	Points']]	
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]:		SydneySuburb	Total Points		
	0	Blacktown	754.9		
	1	Liverpool	434.5		
	2	Parramatta	616.4		

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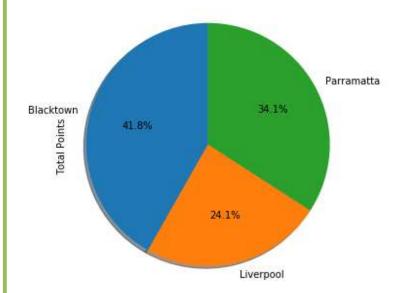
Total points of each in absolute term



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Total points of each area in percentage (%)

Property Investment Score: Top LGAs



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Conclusion

Amongst the 5 selected areas of Sydney MPA

The best is

Blacktown

2nd best

Paramatta

3rd best

Liverpool