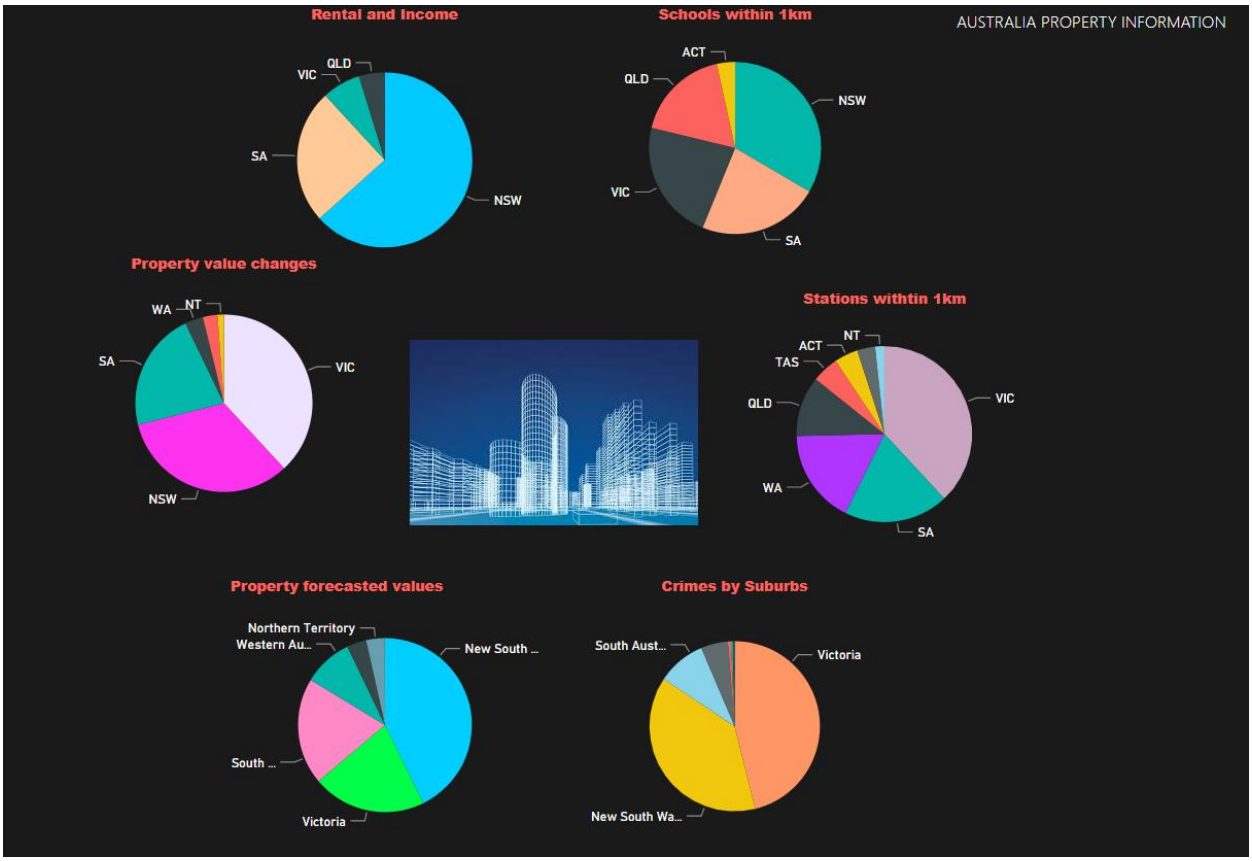
SCREENSHOTS

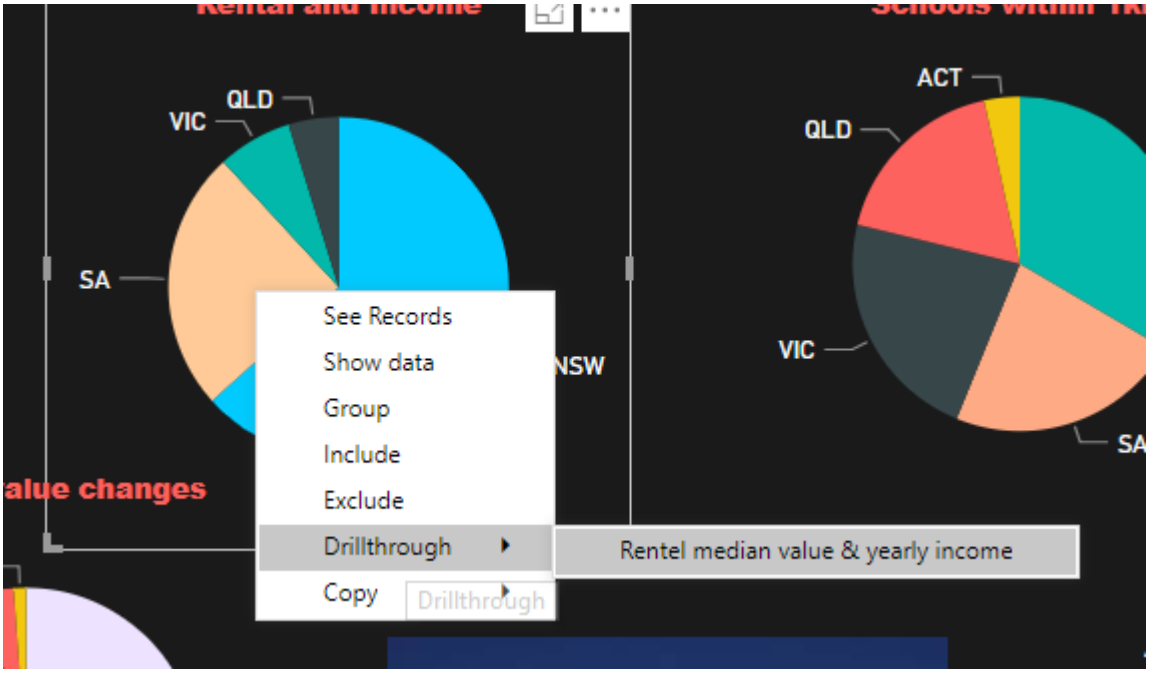
AdvancedTasks: Power BI - Designed DATA WAREHOUSE

Peter Nguyen – Sept 16th intern

Master page



Task 25 – Rental and Income

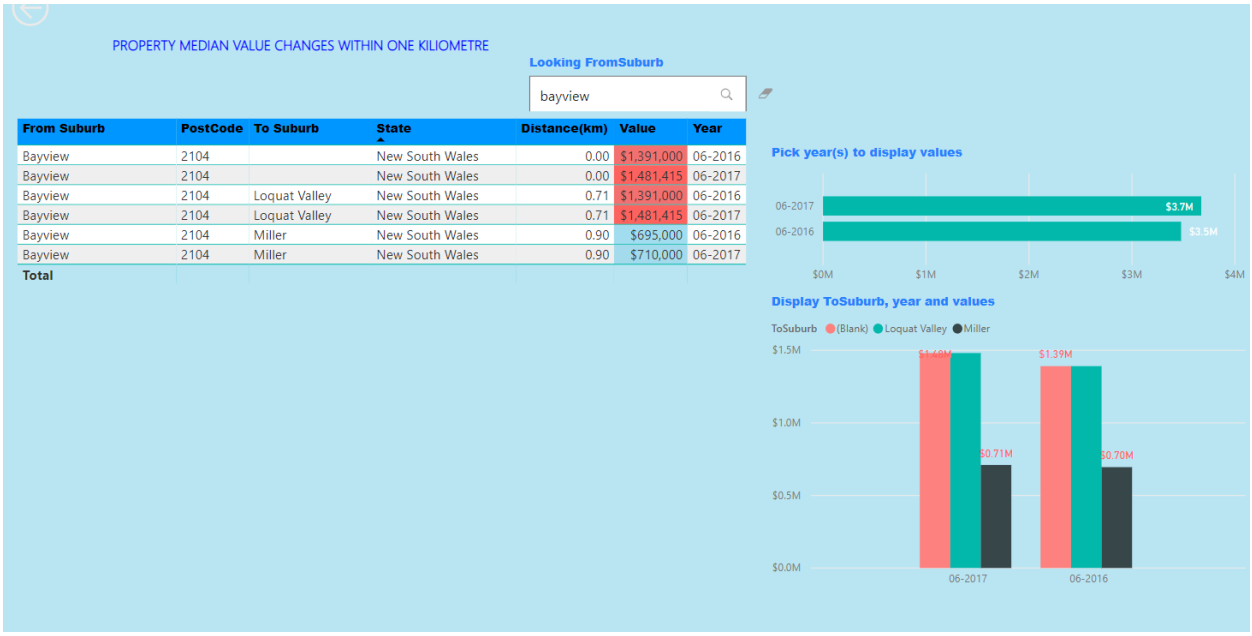


Right click on a State to show its suburbs

And type a suburb in the search box to show data of suburbs within 1km radius

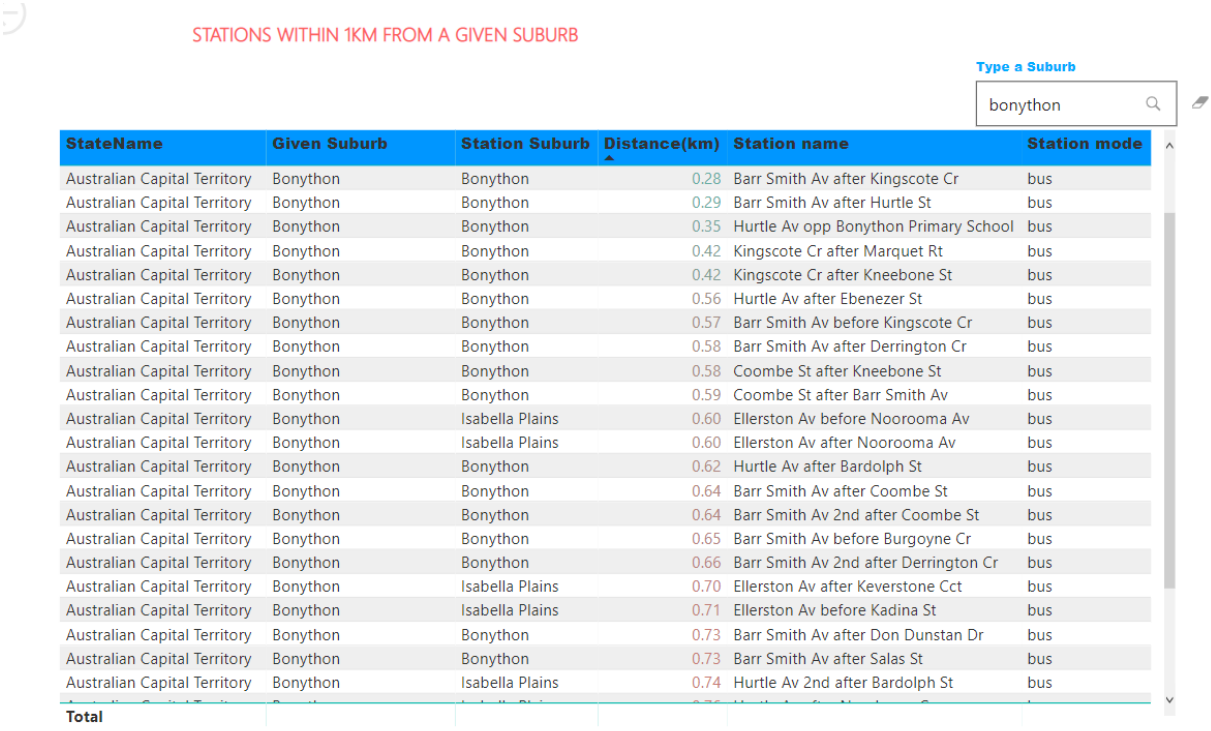
Task 25 – Property value changes

Similarly, type a suburb in the search box to show data property median value changes within 1km radius



From Suburb	PostCode	To Suburb	State	Distance(km)	Value	Year
Bayview	2104		New South Wales	0.00	$1,391,000	06-2016
Bayview	2104		New South Wales	0.00	$1,481,415	06-2017
Bayview	2104	Loquat Valley	New South Wales	0.71	$1,391,000	06-2016
Bayview	2104	Loquat Valley	New South Wales	0.71	$1,481,415	06-2017
Bayview	2104	Miller	New South Wales	0.90	$695,000	06-2016
Bayview	2104	Miller	New South Wales	0.90	$710,000	06-2017
Total						

Task 26 – Display public transports within 1km radius



StateName	Given Suburb	Station Suburb	Distance(km)	Station name	Station mode
Australian Capital Territory	Bonython	Bonython	0.28	Barr Smith Av after Kingscote Cr	bus
Australian Capital Territory	Bonython	Bonython	0.29	Barr Smith Av after Hurtle St	bus
Australian Capital Territory	Bonython	Bonython	0.35	Hurtle Av opp Bonython Primary School	bus
Australian Capital Territory	Bonython	Bonython	0.42	Kingscote Cr after Marquet Rt	bus
Australian Capital Territory	Bonython	Bonython	0.42	Kingscote Cr after Kneebone St	bus
Australian Capital Territory	Bonython	Bonython	0.56	Hurtle Av after Ebenezer St	bus
Australian Capital Territory	Bonython	Bonython	0.57	Barr Smith Av before Kingscote Cr	bus
Australian Capital Territory	Bonython	Bonython	0.58	Barr Smith Av after Derrington Cr	bus
Australian Capital Territory	Bonython	Bonython	0.58	Coombe St after Kneebone St	bus
Australian Capital Territory	Bonython	Bonython	0.59	Coombe St after Barr Smith Av	bus
Australian Capital Territory	Bonython	Isabella Plains	0.60	Ellerston Av before Noorooma Av	bus
Australian Capital Territory	Bonython	Isabella Plains	0.60	Ellerston Av after Noorooma Av	bus
Australian Capital Territory	Bonython	Bonython	0.62	Hurtle Av after Bardolph St	bus
Australian Capital Territory	Bonython	Bonython	0.64	Barr Smith Av after Coombe St	bus
Australian Capital Territory	Bonython	Bonython	0.64	Barr Smith Av 2nd after Coombe St	bus
Australian Capital Territory	Bonython	Bonython	0.65	Barr Smith Av before Burgoyne Cr	bus
Australian Capital Territory	Bonython	Bonython	0.66	Barr Smith Av 2nd after Derrington Cr	bus
Australian Capital Territory	Bonython	Isabella Plains	0.70	Ellerston Av after Keverstone Cct	bus
Australian Capital Territory	Bonython	Isabella Plains	0.71	Ellerston Av before Kadina St	bus
Australian Capital Territory	Bonython	Bonython	0.73	Barr Smith Av after Don Dunstan Dr	bus
Australian Capital Territory	Bonython	Bonython	0.73	Barr Smith Av after Salas St	bus
Australian Capital Territory	Bonython	Isabella Plains	0.74	Hurtle Av 2nd after Bardolph St	bus
Total					

Task 27 – Display schools within 1km radius

SCHOOLS WITHIN 1KM FROM A GIVEN SUBURB

Type a Suburb

melbourne university

State	Given Suburb	School Suburb	Distance(km)	School name	Address
Victoria	Melbourne University	Carlton	0.97	Carlton Gardens Primary School	215 Rathdowne Street
Victoria	Melbourne University	Carlton	0.80	Carlton Primary School	Cnr Palmerston & Drummond Sts
Victoria	Melbourne University	North Melbourne	0.97	North Melbourne Primary School	210 Errol Street
Victoria	Melbourne University	Parkville	0.94	Royal Childrens Hospital Education Institute	Suite 1.4, Level 1
Victoria	Melbourne University	Parkville	0.51	University High School	77 Story Street

Task 28 - Crimes

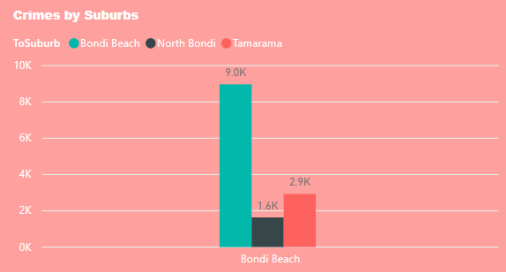
CRIMES WITHIN ONE KILIOMETRE

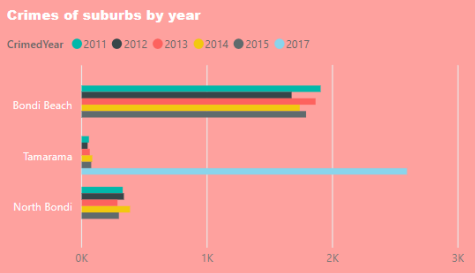
Looking FromSuburb

bondi beach

FromSuburb	PostCode	State	Distance(km)	Number of Crimes	Year
Bondi Beach	2026	New South Wales	0.00	1,905	2011
Bondi Beach	2026	New South Wales	0.00	1,865	2013
Bondi Beach	2026	New South Wales	0.00	1,789	2015
Bondi Beach	2026	New South Wales	0.00	1,739	2014
Bondi Beach	2026	New South Wales	0.00	1,674	2012
Total				**8,972**	

ToSuburb	PostCode	State	Distance(km)	Number of Crimes	Year
North Bondi	2026	New South Wales	0.70	328	2011
North Bondi	2026	New South Wales	0.70	337	2012
North Bondi	2026	New South Wales	0.70	286	2013
North Bondi	2026	New South Wales	0.70	386	2014
North Bondi	2026	New South Wales	0.70	297	2015
Tamarama	2026	New South Wales	0.81	58	2011
Tamarama	2026	New South Wales	0.81	48	2012
Tamarama	2026	New South Wales	0.81	65	2013
Tamarama	2026	New South Wales	0.81	85	2014
Tamarama	2026	New South Wales	0.81	77	2015
Tamarama	2026	New South Wales	0.81	2,594	2017
Total				**4,561**	





Task 29 – property value forecast

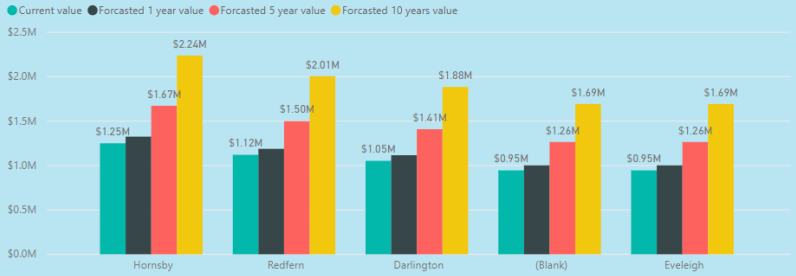
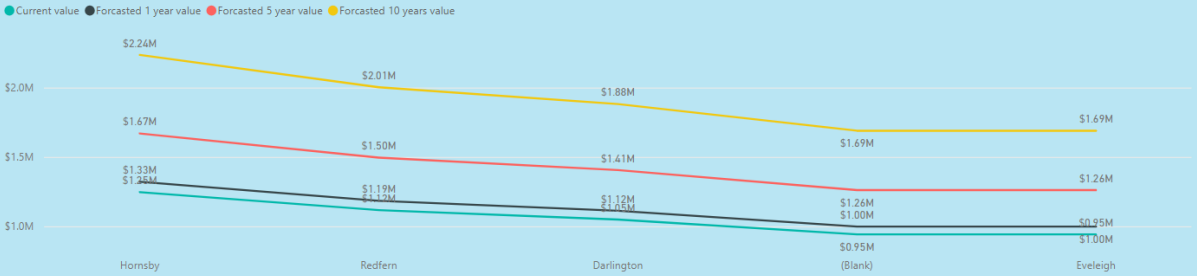
PROPERTY VALUE FORECAST FOR 1, 5 AND 10 YEARS

Looking for Suburb

alexandria

Suburb	ToSuburb	Distance(km)	StateName
Alexandria			New South Wales
Alexandria	Darlington	0.80	New South Wales
Alexandria	Eveleigh	0.89	New South Wales
Alexandria	Hornsby	0.90	New South Wales
Alexandria	Redfern	0.94	New South Wales

Current value, Forcasted 1 year value, Forcasted 5 year value and Forcasted 10 years value by ToSuburb



Current value, Forcasted 1 year value, Forcasted 5 year value and Forcasted 10 years value by ToSuburb