

POWER BI ASSIGNMENT

STUDENT ID: [REDACTED]

NAME: YAAMEEN RAFIQUE CHOUDHURY

PROBLEM STATEMENT:

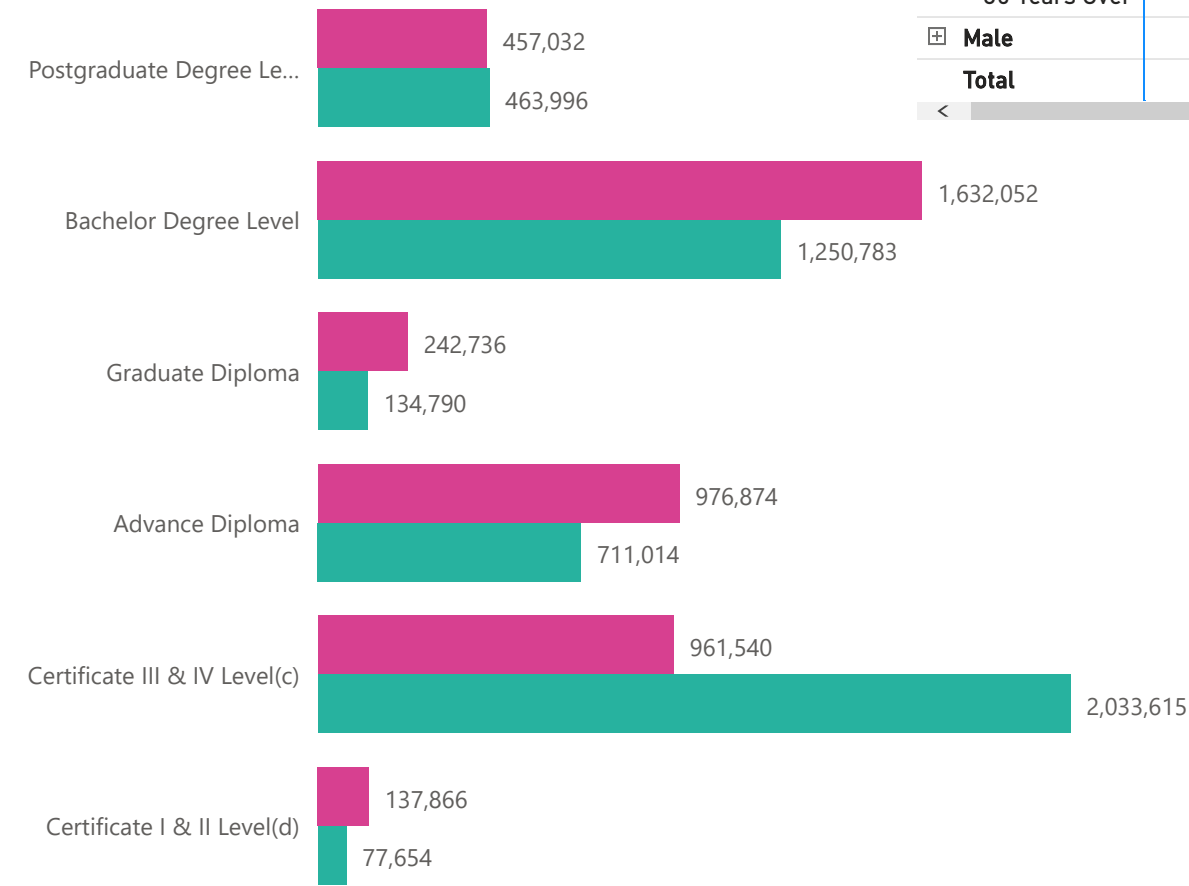
The impact of gender bias and inequality on occupation, labor force status and income



Education and Occupation Analysis

Education Distribution by Sex

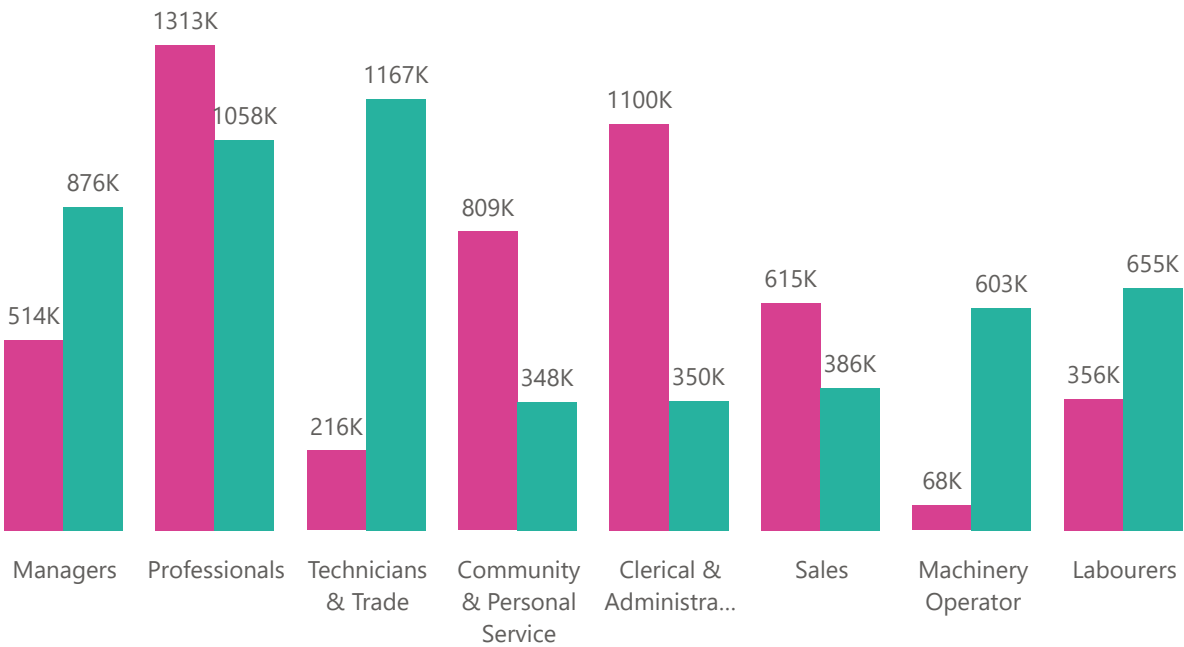
Sex Female Male



Sex	Postgraduate Degree Level	Bachelor Degree Level	Graduate Diploma	Advance Diploma	Certificate III & IV Level(c)	Certificate I & II Level(d)
<div><div></div>Female</div>	457,032	1,632,052	242,736	976,874	961,540	137,866
15 - 24 Years	9,944	138,084	5,937	69,555	136,424	
25 - 34 Years	148,592	494,875	49,553	190,002	228,340	
35 - 44 Years	127,493	401,066	58,367	205,374	197,652	
45 - 54 Years	83,035	265,614	54,583	206,362	192,451	
55 - 64 Years	55,718	187,315	46,993	163,136	131,510	
65 - 74 Years	25,454	99,158	21,224	93,520	53,743	
75 - 84 Years	5,580	35,305	5,123	36,782	15,222	
85 Years Over	1,216	10,635	956	12,143	6,198	
<div><div></div>Male</div>	463,996	1,250,783	134,790	711,014	2,033,615	77,654
Total	921,028	2,882,835	377,526	1,687,888	2,995,155	215,520

Occupation Distribution by Sex

Sex Female Male

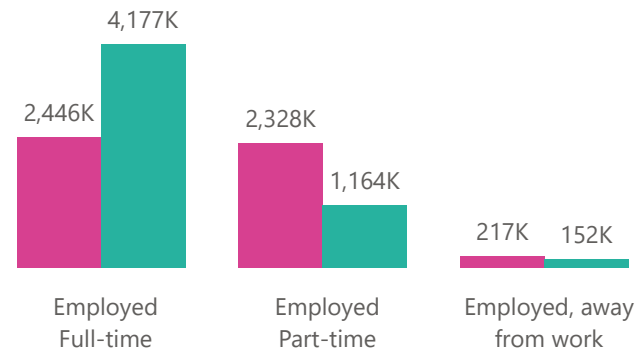




Labor Force Status Analysis

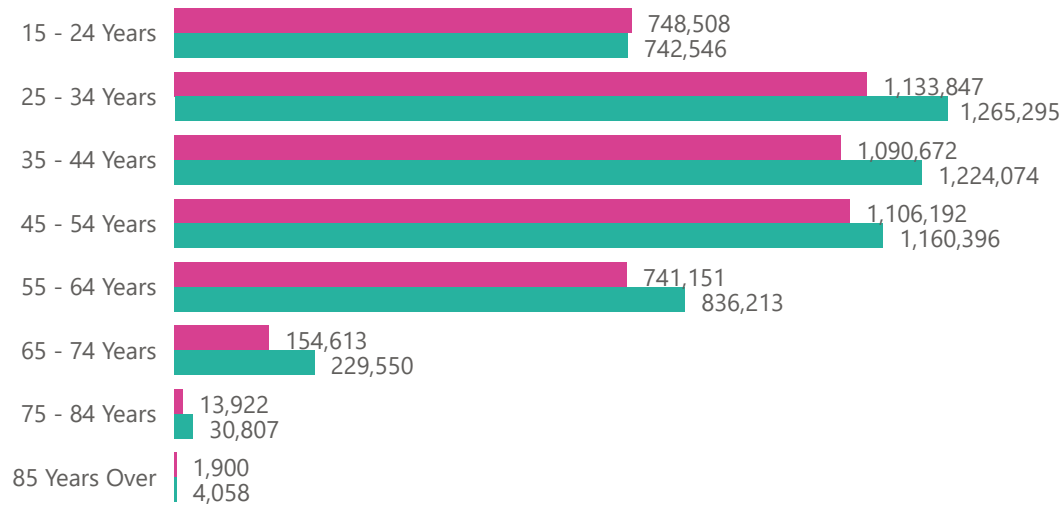
Work Status Preference

Sex Female Male



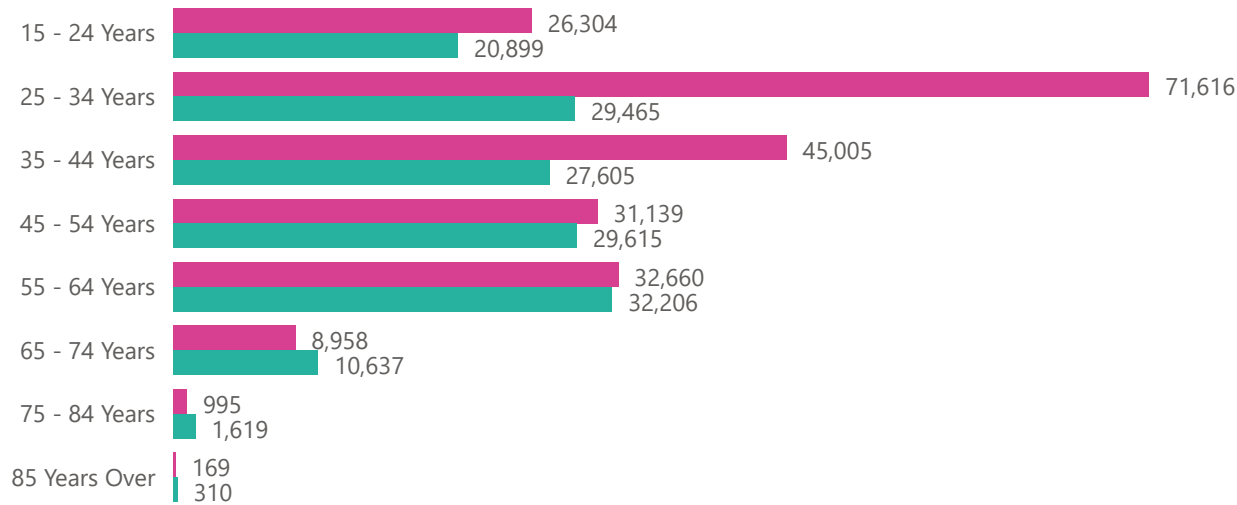
Worker Retention

Sex Female Male




Away From Work

Sex Female Male



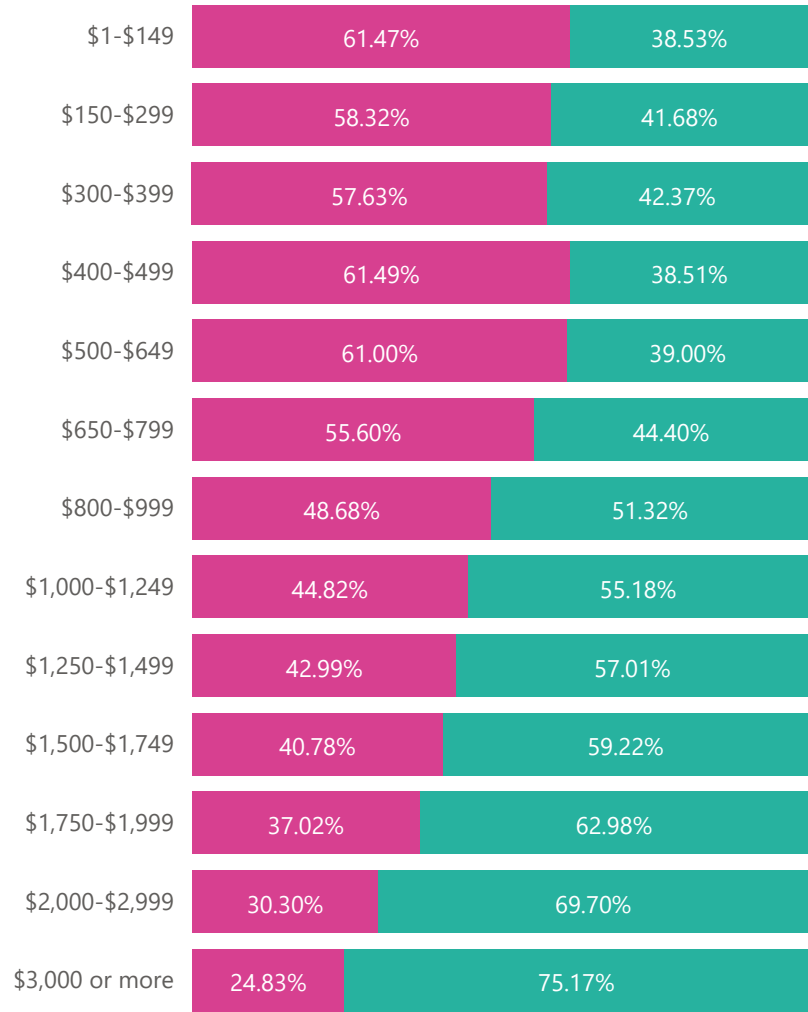
Sex	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85 over	Total
Female	1,465,281	1,704,550	1,594,098	1,582,876	1,412,262	1,064,153	601,743	306,491	9,731,454
Male	1,523,110	1,663,892	1,550,842	1,522,126	1,341,483	1,012,558	511,467	180,348	9,305,826
Employed Full-time	364,490	1,028,033	1,046,457	975,875	630,458	118,524	11,361	1,723	4,176,921
Employed Part-time	357,157	207,797	150,012	154,906	173,549	100,389	17,827	2,025	1,163,662
Employed, away from work	20,899	29,465	27,605	29,615	32,206	10,637	1,619	310	152,356
Hours worked not stated	22,231	28,372	22,610	20,516	13,632	5,038	1,870	562	114,831
Unemply look for Full-time work	69,129	66,575	52,262	51,070	40,235	3,177	308	100	282,856
Unemply look for Part-time work	78,000	19,784	10,534	10,375	14,880	4,893	584	53	139,103
Not in the labour force	522,842	163,837	140,830	180,462	348,401	697,754	432,111	152,648	2,638,885
Labour force status not stated	88,362	120,029	100,532	99,307	88,122	72,146	45,787	22,927	637,212
Total	2,988,391	3,368,442	3,144,940	3,105,002	2,753,745	2,076,711	1,113,210	486,839	19,037,280



Population Income Analysis

Income Distribution by Sex

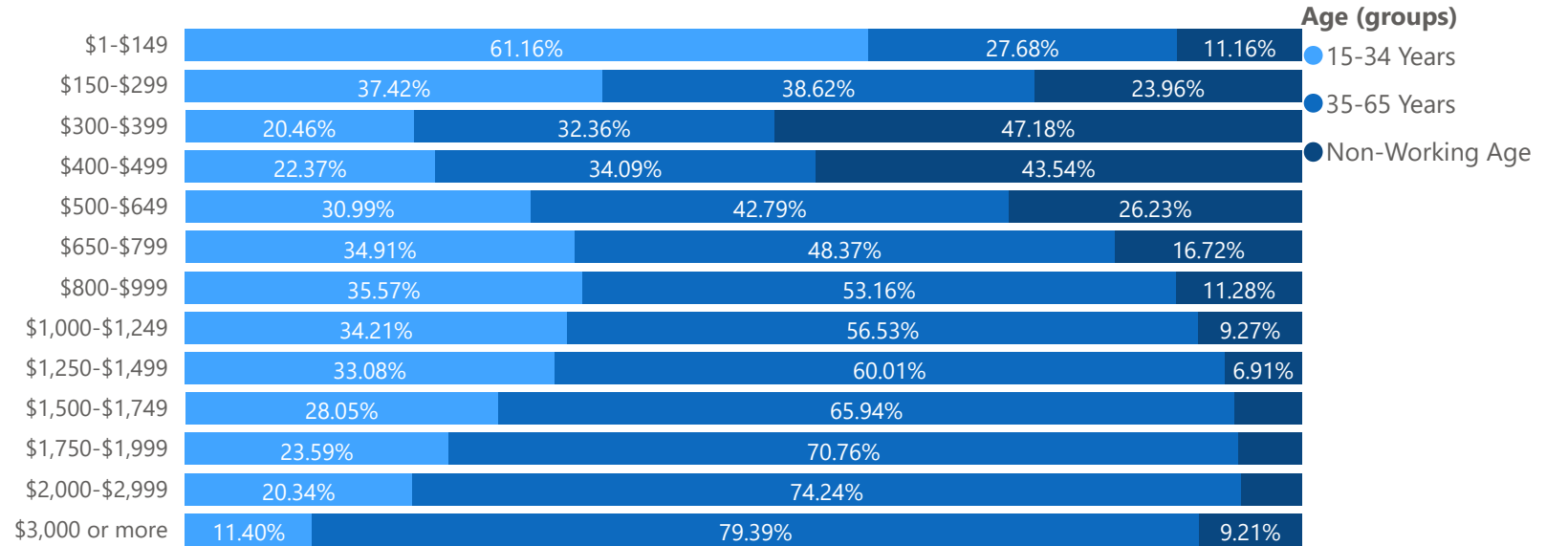
Sex Female Male



Sex	15 - 24 Years	25 - 34 Years	35 - 44 Years	45 - 54 Years	55 - 64 Years	65 - 74 Years	75 - 84 Years	85 Years Over	Total
Female	956239	1406110	1340590	1347073	1150644	900953	493553	222712	7817874
Male	944002	1435452	1375061	1346041	1161839	873585	430519	139802	7706301
\$1-\$149	192164	19229	14365	17986	27266	24857	9799	3126	308792
\$150-\$299	150218	71618	53358	59506	80349	84163	47334	13627	560173
\$300-\$399	83507	55218	44970	59554	88014	184355	131838	38761	686217
\$400-\$499	89364	63313	49360	62307	81487	135824	83334	33543	598532
\$500-\$649	102879	84074	58887	64440	78302	100641	51036	15624	555883
\$650-\$799	103030	133418	91247	91947	92230	75009	35280	11155	633316
\$800-\$999	94065	199524	142124	139946	124134	68557	22175	7346	797871
\$1,000-\$1,249	66581	232728	179006	168124	140641	65494	18044	5989	876607
\$1,250-\$1,499	30652	170500	144526	129585	98082	36727	8509	2674	621255
\$1,500-\$1,749	14619	138000	141873	127539	89439	26830	6159	2026	546485
\$1,750-\$1,999	6690	90082	114611	101194	67111	17572	3761	1401	402422
\$2,000-\$2,999	6570	130442	207634	181675	109484	26660	5921	1930	670316
\$3,000 or more	3663	47306	133100	142238	85300	26896	7329	2600	448432
Total	1900241	2841562	2715651	2693114	2312483	1774538	924072	362514	15524175

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Income Distribution by Age

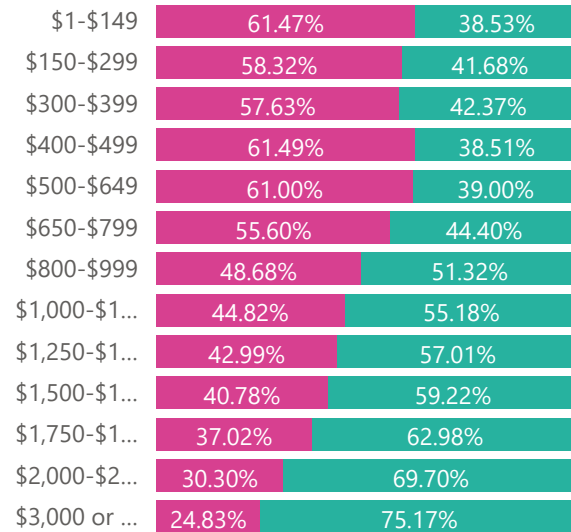




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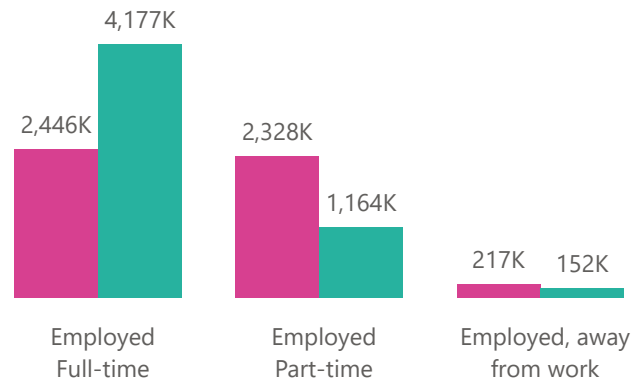
Income Distribution by Sex

Sex ● Female ● Male



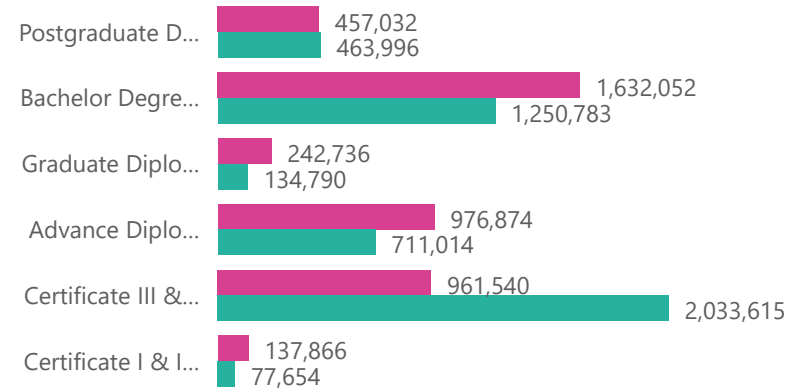
Work Status Preference

Sex ● Female ● Male



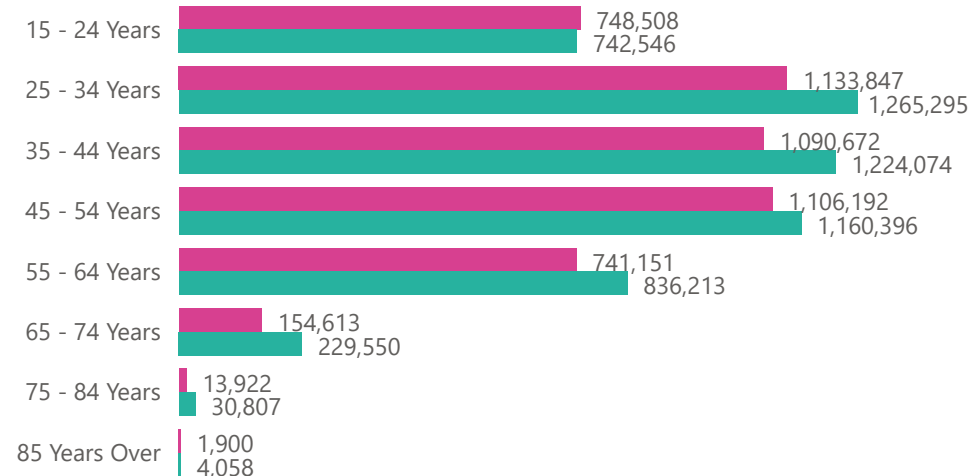
Education Distribution by Sex

Sex ● Female ● Male



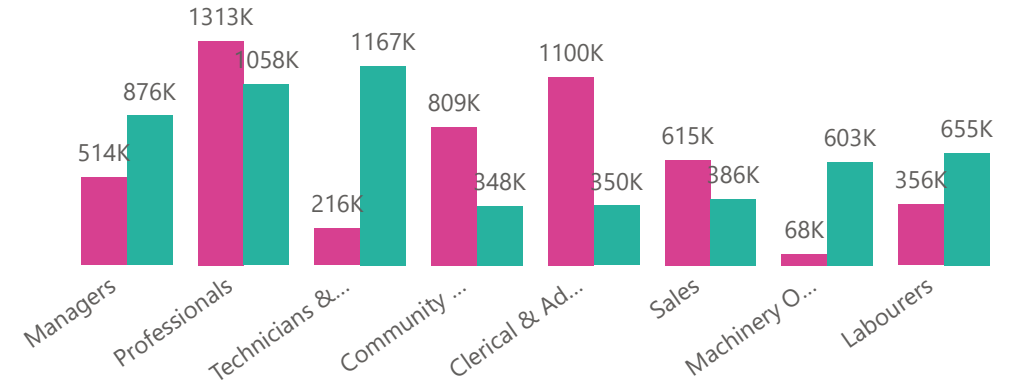
Worker Retention

Sex ● Female ● Male



Occupation Distribution by Sex

Sex ● Female ● Male



Away From Work

Sex ● Female ● Male

