



INVESTIGATING IT SKILLS WITHIN SWANSEA AND THE SURROUNDING REGION

GROUP:

NICHOLAS GELSTHARP, MICHAEL OLDHAM & CHENG CHEN

SCENARIO:

The DVLA are struggling to recruit qualified Software Engineers, Data Analysts and Data Scientists as well as struggling to recruit candidates for the MSC programme. They have come to the conclusion that these skills do not exist within Swansea and the surrounding areas. The purpose of this investigation will be to gather multiple data sources that will allow this question to be answered by looking at in three categories Education, Travel and local environmental factors

- Qualification attained within the local region at A-Level and Degree
- Looking at migration data for students
- Travel to DVLA at Morriston and whether or not this is restrictive
- Competitors that may be recruiting students within Travelling distance
- Access to technology, internet within the local region
- Look at deprivation within Swansea and the surrounding areas

DATA SOURCE 1: QUALIFICATIONS GAINED (NICK)

<https://infuse2011.ukdataservice.ac.uk/InFuseWiz.aspx?cookie=openaccess>

I wanted to get information on the highest qualification gained for those that are economically active within Wales. I have chosen Wales and not just Swansea as comparisons will likely be useful in looking at other regions within Wales that the DVLA could target. The purpose of this would be to see if the candidates exist within the local community that the DVLA are looking to employ.

QUALIFICATIONS GAINED (NICK)

Select categories

Clear Categories

Age

- ☒ Age 16 and over
- ☒ Age 16 to 24
- ☒ Age 16 to 44
- ☒ Age 16 to 64
- ☒ Age 16 to 74
- ☒ Age 25 to 34
- ☒ Age 25 to 49
- ☒ Age 35 to 49
- ☒ Age 45 to 74
- ☒ Age 50 to 64
- ☐ Age 65 and over

Economic activity

- ☒ Total: Economic activity
- ☒ Economically active (including full-time students)
 - ☐ Economically active
 - ☐ Economically inactive

Qualification, highest level of

- ☒ Total: Highest level of qualification
 - ☐ No qualifications
 - ☐ Level 1 qualifications
 - ☐ Level 2 qualifications
 - ☐ Level 3 qualifications
 - ☒ Level 4 qualifications and above

Apprenticeships and other qualifications

- ☐ Apprenticeship
- ☐ Other qualifications

Unit

- ☒ Persons

Selected category combinations

Add

Remove

Remove All

317005 - Age : Age 16 and over - Economic activity : Total: Economic activity - Highest level of qualification : Total: Highest level of qualification - Unit : Persons
317035 - Age : Age 16 and over - Economic activity : Total: Economic activity - Highest level of qualification : Level 4 qualifications and above - Unit : Persons
317006 - Age : Age 16 and over - Economic activity : Economically active (including full-time students) - Highest level of qualification : Total: Highest level of qualification - Unit : Persons
317036 - Age : Age 16 and over - Economic activity : Economically active (including full-time students) - Highest level of qualification : Level 4 qualifications and above - Unit : Persons
319995 - Age : Age 16 to 74 - Economic activity : Total: Economic activity - Highest level of qualification : Total: Highest level of qualification - Unit : Persons
320010 - Age : Age 16 to 74 - Economic activity : Total: Economic activity - Highest level of qualification : Level 4 qualifications and above - Unit : Persons
359001 - Age : Age 16 to 64 - Economic activity : Total: Economic activity - Highest level of qualification : Total: Highest level of qualification - Unit : Persons
359056 - Age : Age 16 to 64 - Economic activity : Total: Economic activity - Highest level of qualification : Level 4 qualifications and above - Unit : Persons
359002 - Age : Age 16 to 64 - Economic activity : Economically active (including full-time students) - Highest level of qualification : Total: Highest level of qualification - Unit : Persons
You have selected 34 category combinations

Select Geography

Reset

-

-

Countries and Groupings (7 areas)

+England and Wales

+England

+Northern Ireland

+Scotland

+United Kingdom

+Great Britain

-

☒

Wales

+

☐

Local Authorities (22 areas)

☐

Wards and Electoral Divisions (868 areas)

☒

Middle Super Output Areas and Intermediate Zones (410 areas)

☐

Lower Super Output Areas and Data Zones (1909 areas)

☐

Output Areas and Small Areas (10036 areas)

☐

Merging Wards and Electoral Divisions (25 areas)

+Regions (9 areas)

+

☐

Counties (35 areas)

+

☐

Local Authorities (404 areas)

☐

Wards and Electoral Divisions (9481 areas)

☐

Middle Super Output Areas and Intermediate Zones (8480 areas)

☐

Lower Super Output Areas and Data Zones (42619 areas)

☐

Output Areas and Small Areas (232296 areas)

Selected Geographic Areas

[Add](#) [Remove](#) [Remove All](#)

Wales

All Middle Super Output Areas and Intermediate Zones (410 areas) in Countries and Groupings (7 areas) - Wales

QUALIFICATIONS GAINED (NICK)

1	CDO_ID	GEO_CODE	GEO_LABEL	GEO_TYPE	GEO_TYP2	T204003	T204004
2						Age : Age 16 to 24 - Economic activity: Total\ Economic activity - Qualification; highest level of : Total\ Highest level of qualification - Unit : Persons	Age : Age 16
3		7	W92000004	Wales	Countries and Groupings	CTRY	373876
4	17963	W02000001	Isle of Anglesey 001	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
5	17964	W02000002	Isle of Anglesey 002	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
6	17965	W02000003	Isle of Anglesey 003	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
7	17966	W02000004	Isle of Anglesey 004	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
8	17967	W02000005	Isle of Anglesey 005	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
9	17968	W02000006	Isle of Anglesey 006	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
10	17969	W02000007	Isle of Anglesey 007	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
11	17970	W02000008	Isle of Anglesey 008	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
12	17971	W02000009	Isle of Anglesey 009	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
13	17972	W02000010	Gwynedd 001	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
14	17973	W02000011	Gwynedd 002	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
15	17974	W02000012	Gwynedd 003	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
16	17975	W02000013	Gwynedd 004	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
17	17976	W02000014	Gwynedd 005	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
18	17977	W02000015	Gwynedd 006	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
19	17978	W02000016	Gwynedd 007	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
20	17979	W02000017	Gwynedd 008	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
21	17980	W02000018	Gwynedd 009	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
22	17981	W02000019	Gwynedd 010	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
23	17982	W02000020	Gwynedd 011	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
24	17983	W02000021	Gwynedd 012	Middle Super Output Areas and Intermediate Zones	MSOAIZ		
25	17984	W02000022	Gwynedd 013	Middle Super Output Areas and Intermediate Zones	MSOAIZ		

CLEANING THE DATA

	A	B	C	D	E	F	G	H	I
1	CDU_ID	GEO_CODE	GEO_LABEL	GEO_TYPE	GEO_TYP2	F359001	F359002 Age : Age 16 to 64 - Economic activity : Economically active (including full-time students) - Total\ Economic activity - Qualification; highest level of : Total\ Highest level of qualification - Unit: Persons	F359056 Age : Age 16 to 64 - Economic activity : Total\ Economic activity - Economically active (including full-time students) - Qualification; highest level of : Level 4 qualifications and above - Unit: Persons	F359057 Age : Age 16 to 64 - Economic activity : Economically active (including full-time students) - Qualification; highest level of : Level 4 qualifications and above - Unit: Persons
2									
3	17963	W02000001	Isle of Anglesey 001	Middle Super Output Areas and Intermediate Zones	MSOAIZ	5264	3811	1170	979
4	17964	W02000002	Isle of Anglesey 002	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3719	2728	1100	892
5	17965	W02000003	Isle of Anglesey 003	Middle Super Output Areas and Intermediate Zones	MSOAIZ	6504	4692	923	777
6	17966	W02000004	Isle of Anglesey 004	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4283	3196	1196	1009
7	17967	W02000005	Isle of Anglesey 005	Middle Super Output Areas and Intermediate Zones	MSOAIZ	5061	3864	1812	1473
8	17968	W02000006	Isle of Anglesey 006	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4072	3171	976	854
9	17969	W02000007	Isle of Anglesey 007	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4486	3393	1209	1032
10	17970	W02000008	Isle of Anglesey 008	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4031	3170	1588	1324
11	17971	W02000009	Isle of Anglesey 009	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4824	3725	1493	1282
12	17972	W02000010	Gwynedd 001	Middle Super Output Areas and Intermediate Zones	MSOAIZ	8237	3530	1722	968
13	17973	W02000011	Gwynedd 002	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4949	3501	1471	1168
14	17974	W02000012	Gwynedd 003	Middle Super Output Areas and Intermediate Zones	MSOAIZ	5392	4290	1952	1717
15	17975	W02000013	Gwynedd 004	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4231	3386	1631	1424
16	17976	W02000014	Gwynedd 005	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4435	3513	1511	1350
17	17977	W02000015	Gwynedd 006	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4943	3701	1181	1054
18	17978	W02000016	Gwynedd 007	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3859	3123	1282	1157
19	17979	W02000017	Gwynedd 008	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4682	3512	1287	1098
20	17980	W02000018	Gwynedd 009	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3966	3018	843	696
21	17981	W02000019	Gwynedd 010	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4039	3194	1146	965
22	17982	W02000020	Gwynedd 011	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3989	3068	1133	942
23	17983	W02000021	Gwynedd 012	Middle Super Output Areas and Intermediate Zones	MSOAIZ	4655	3636	1097	940
24	17984	W02000022	Gwynedd 013	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3504	2620	921	741
25	17985	W02000023	Gwynedd 014	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3331	2516	934	757
26	17986	W02000024	Gwynedd 015	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3514	2812	998	857
27	17987	W02000025	Gwynedd 016	Middle Super Output Areas and Intermediate Zones	MSOAIZ	3967	2996	948	793

CLEANING THE DATA

DATA SOURCE 2: GRADUATES FROM UNIVERSITY(NICK)

<https://www.hesa.ac.uk/data-and-analysis/students/what-study>

I also wanted to see interest within the IT sector within Wales. To do this I looked at the HESA website which contains datasets related to universities in UK. This would relate to the DVLA's problem with not being able to recruit IT graduates into job roles as it would allow insight into the amount of graduates within the region.

PRN	HE provider	01 Medicine	02 Subject	03 Biological	04 Psychology	05 Veterinary	06 Agriculture	07 Physics	09 Mathematics	10 Engineering	11 Computing
007856	Aberystwyth	0	125	785	470	0	490	245	140	115	0
007857	Bangor University	170	1,700	1,705	1,210	0	295	0	0	215	0
007814	Cardiff University	2,735	5,110	1,695	1,330	0	0	1,320	785	1,965	1,000
007854	Cardiff Metropolitan University	0	1,310	2,235	685	0	270	0	0	265	1,000
030408	Gower College	0	0	0	0	0	0	0	0	0	0
007820	Grŵp Llanelli	0	205	30	0	0	20	0	0	55	0
009614	Grŵp NPT	0	0	15	0	0	5	0	0	45	0
007773	The Open University	0	630	345	2,385	0	0	285	290	480	1,000
007855	Swansea University	565	3,380	1,440	1,025	0	0	440	190	3,000	1,000
007858	University of Wales	0	220	340	160	0	55	0	0	1,080	1,000
007793	University of West of England	55	5,200	1,670	865	85	90	360	105	1,825	1,000
007833	Wrexham	0	1,235	105	280	55	105	110	50	570	0
	Total	3,525	19,115	10,370	8,410	140	1,340	2,755	1,560	9,605	9,000

DATA SOURCE 2: HE ENROLLMENTS DATA

UKPRN	HE provider	Post Code	IT Computing	Total
10007856	Aberystwyth University	SY23 3DD	680	8,415
10007857	Bangor University	LL57 2DG	345	10,825
10007814	Cardiff University	CF14 4YU	1,620	32,725
10007854	Cardiff Metropolitan University	CF5 2YB	1,025	13,545
10030408	Gower College Swansea	sa2 9EB	0	40
10007820	Grŵp Llandrillo Menai	LL28 4HZ	45	875
10009614	Grŵp NPTC Group	SA10 7RF	20	190
10007855	Swansea University	SA1 8EN	1,525	21,510
10007858	University of Wales Trinity Saint David	SA1 8PH	1,005	16,720
10007793	University of South Wales	NP20 2BP	1,515	26,180

DATA SOURCE 2: HE ENROLLMENTS DATA - CLEANSED

DATA SOURCE 3: REGION OF WORK FOR GRADUATES

<https://www.hesa.ac.uk/data-and-analysis/sb268/figure-16>

Finally I wanted to analyse where those that attend University in Wales ended up working. For this I used the HESA again, filtering on HE providers in Wales and focussing specifically on the region of work for graduates of university in that region.

	A	B	C	D	E	F	G	H
1	Title:	Figure 16 - UK domiciled graduates entering work in the UK by region of domicile, region of provider and region of work						
2	Subtitle:	2017/18 to 2021/22						
3	Reference	SB268 Figure 16						
4	Data source	HESA						
5	Data source URL	https://www.hesa.ac.uk/data-and-analysis/sb268/figure-16						
6	Data file URL	https://www.hesa.ac.uk/data-and-analysis/sb268/figure-16.csv						
7	Licence:	Creative Commons Attribution 4.0 International Licence						
8	Date:	2024						
9	Filters:	Region of domicile	Wales					
10		Region of HE provider	Wales					
11		Provider type	All					
12		Level of qualification	All					
13		Work population marker	Work is an activity					
14		Work type marker	All					
15		Academic year	2021/22					
16								
17								
18	Region of	Number	Region of	Number	Region of work	Number		
19	Wales	12,090	Wales	7,760	North East	10		
20	Wales	12,090	Wales	7,760	North West	115		
21	Wales	12,090	Wales	7,760	Yorkshire and The Humber	20		
22	Wales	12,090	Wales	7,760	East Midlands	30		
23	Wales	12,090	Wales	7,760	West Midlands	75		
24	Wales	12,090	Wales	7,760	East of England	45		
25	Wales	12,090	Wales	7,760	London	190		
26	Wales	12,090	Wales	7,760	South East	105		
27	Wales	12,090	Wales	7,760	South West	265		
28	Wales	12,090	Wales	7,760	Total England	855		
29	Wales	12,090	Wales	7,760	Wales	6,880		
30	Wales	12,090	Wales	7,760	Scotland	20		
31	Wales	12,090	Wales	7,760	Northern Ireland	5		
32								
33								
34								

REGION OF WORK RAW DATA

REGION OF WORK – CLEANED DATA

	A	B	C	D
1	Region of work	Post Code	Number	
2	North East	NE2 4DJ	10	
3	North West	M1 1DB	115	
4	Yorkshire and The Humber	YO12 5PZ	20	
5	East Midlands	LN1 1EJ	30	
6	West Midlands	B37 5TN	75	
7	East of England	NR32 4TZ	45	
8	London	Wc2n 5DU	190	
9	South East	OX1 1AE	105	
0	South West	EX22 6LB	265	
1	Wales	LD2 3aa	6,880	
2	Scotland	AB31 2AA	20	
3	Northern Ireland	BT29 4WQ	5	
4				
5				

SOURCES THAT SHOW FACTORS IN RELATION TO PEOPLE BEING ABLE TO ACCESS THE EDUCATIONAL FACILITIES IN THE SURROUNDING AREA (LOCAL TRANSPORT) - MIKE

- [UK Data Service Census Support](#) (Postcode data)
- [Postcodes Wales \(HWM\) | DataMapWales](#) (Postcode data)
- https://datamap.gov.wales/layers/inspire-wg:activetravel_routesection_approvedroutes – Travel routes

DATA SOURCE 4: POSTCODE DATA (MIKE)

- TO BE ABLE TO START CREATING A RELATION BETWEEN THE DATA I STARTED BY LOOKING AT GETTING GENERAL POSTCODE DATA WHICH COULD BE USED EITHER IN A MAPINFO FORMAT OR CSV FOR THE DATA TO BE PLOTTED WITHIN THE MAP.
- [UK Data Service Census Support](#) (Postcode data)

What and Where?

Format

For help with using the Boundary Data Selector interface, see:

How to use Boundary Data Selector

Select:

Wales

Postal

2011 to 2020

Find

Boundaries

Welsh Postcode Areas, 2012

Welsh Postcode Districts, 2012

Welsh Postcode Sectors, 2012

Area(s) of Interest: Welsh Postcode Areas, 2012

Cardiff

Llandrindod Wells

Llandudno

Newport

Shrewsbury

Swansea

List Areas

Expand Selection

Previous List

I FIRST USED THE UKDATASERVICE WEBSITE AND TRIED GATHERING THIS DATA FROM THE BOUNDARY DATA SELECTOR CHOOSING WALES, POSTAL AND 2011 – 2020.

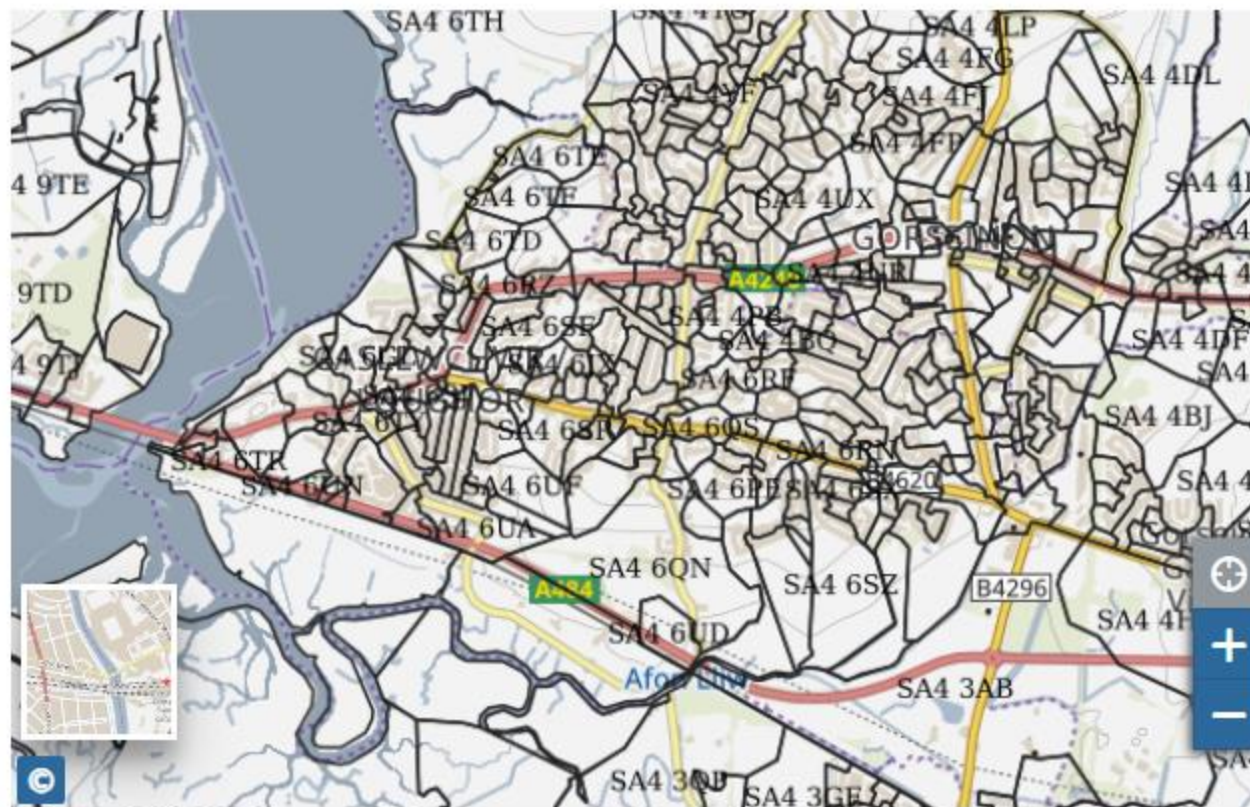
	A	B	C	D
1	label	name	x	y
2	CF	Cardiff	302448.8	189405.9
3	LD	Llandrindod Wells	304403.5	252086.6
4	LL	Llandudno	276745.9	351038.3
5	NP	Newport	333034.6	206018.1
6	SA	Swansea	239530.2	223101.3
7	SY	Shrewsbury	313551.8	300222.9



[Home](#) > [Data catalogue](#) > Postcodes Wales (HWM)

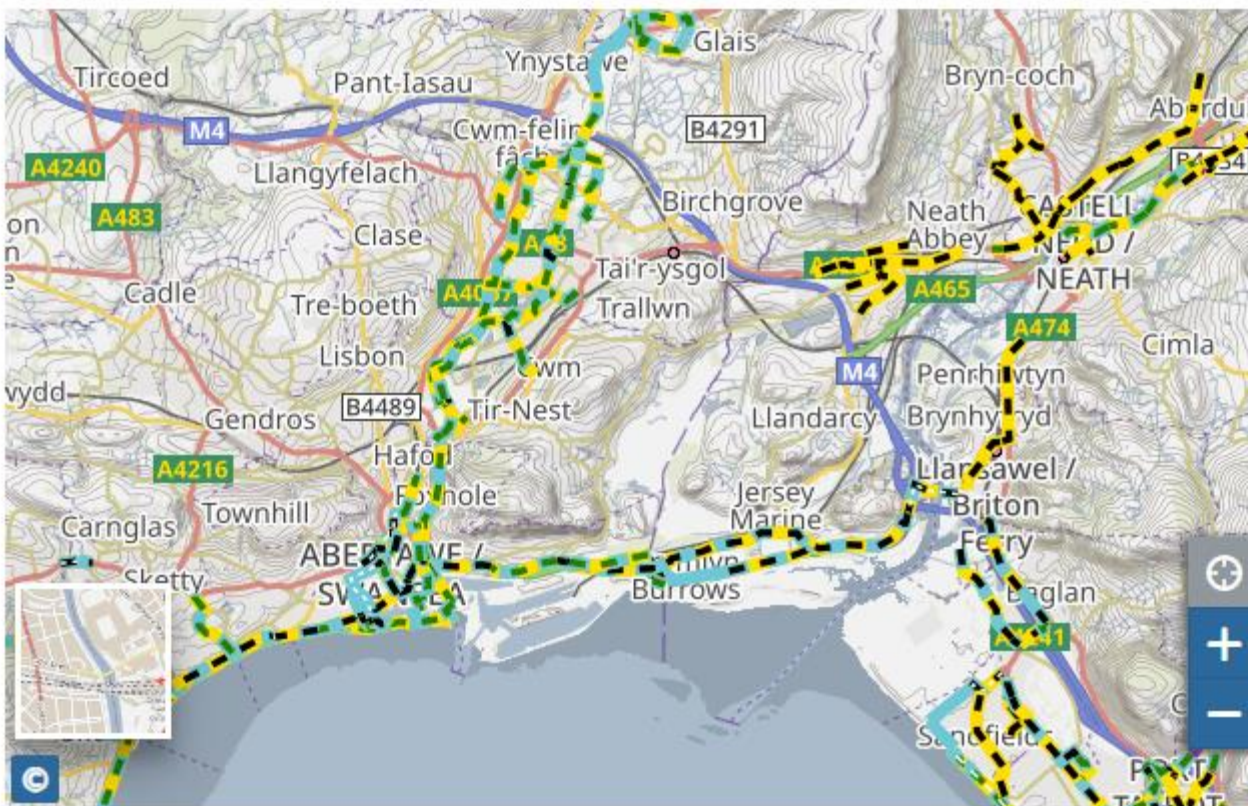
Postcodes Wales (HWM)

Welsh Government



Active Travel Approved Routes 2016

Welsh Government



[Display in map viewer >](#)

[Or display data on an existing map >](#)

Type: **Spatial data**

Category: [Environment >](#)

Creation date: **31 December 2016**

Licence: [Public Sector Geospatial Agreement \(PSGA\) >](#)

Keywords: [activetravel_routesection_approvedroutes_features](#)

Point of contact: data@gov.wales

[Read full metadata](#)



SOURCE 6: NATIONAL PUBLIC TRANSPORT DATA REPOSITORY (NPTDR) - DATA.GOV.UK

Using the National Public Transport Data Repository I was able to gather information on bus stop locations pinpointing their longitude and latitude. This can then be used to plot onto the map of South Wales, filtering on specific areas such as Llanelli, Swansea, Neath, Newport, Carmarthen and Cardiff.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	ATCOCode	GridType	Easting	Northing	Lon	Lat	CommonName	Identifi	Direction	Street	Landmark	NatGazID	NatGazLocality	ParentLocality
338610	5220AWG60431		253459	200014	-4.12097	51.67972	Llwynhendy Shops (NW)		NW	LLWYNHENDY ROA O/s No 3		E0035933	Cefncaeau	Llanelli
338611	5220AWG60432		253401	200095	-4.12184	51.68043	Llwynhendy Shops (SE)		SE	Llwynhendy Road		E0035933	Cefncaeau	Llanelli
338612	5220AWG60433		253322	200181	-4.12302	51.68118	Llwynhendy Surgery (NW)		NW	Llwynhendy Road		E0035933	Cefncaeau	Llanelli
338613	5220AWG60434		253144	200313	-4.12565	51.68232	White Lion (NW)		NW	Llwynhendy Road	White Lion Pt	E0036128	Pemberton (Llanelli)	Llanelli
338614	5220AWG60435		253186	200317	-4.12504	51.68237	White Lion (SE)		SE	Llwynhendy Road	White Lion Pt	E0036128	Pemberton (Llanelli)	Llanelli
338615	5220AWG60436		252970	200398	-4.1282	51.68304	Pemberton Lights (SE)		SE	Pemberton Road		E0036128	Pemberton (Llanelli)	Llanelli
338616	5220AWG60437		252737	200381	-4.13156	51.68283	Pemberton Lights (SW)		SW	Llandafen Road		E0036128	Pemberton (Llanelli)	Llanelli
338617	5220AWG60438		252478	200399	-4.13531	51.68292	Halfway Hotel (NW)		NW	Glyncoed Terrace	Halfway Hote	E0036055	Halfway (Llanelli)	Llanelli
338618	5220AWG60439		252480	200414	-4.13529	51.68306	Halfway Hotel (SE)		SE	Glyncoed Terrace	Halfway Hote	E0036055	Halfway (Llanelli)	Llanelli
338619	5220AWG60440		252278	200526	-4.13826	51.68401	Havard Road (SE)		SE	Capel Isaf Road		N0075398	Capel (Llanelli)	Llanelli
338620	5220AWG60441		252242	200523	-4.13877	51.68397	Havard Road (NW)		NW	Capel Isaf Road		N0075398	Capel (Llanelli)	Llanelli
338621	5220AWG60442		252008	200650	-4.14221	51.68505	Capel Isaf (SE)		SE	Frondeg Terrace	Capel Isaf	N0078225	Penallt (Carmarthen)	Llanelli
338622	5220AWG60443		252079	200600	-4.14116	51.68462	Capel-Isaf (NW)		NW	Frondeg Terrace	Capel-Isaf	N0075398	Capel (Llanelli)	Llanelli
338623	5220AWG60444		251771	200746	-4.14568	51.68585	Penallt (SE)		SE	Frondeg Terrace		N0078225	Penallt (Carmarthen)	Llanelli
338624	5220AWG60445		251763	200735	-4.14579	51.68575	Brynamlwg (NW)		NW	Frondeg Terrace		N0078225	Penallt (Carmarthen)	Llanelli

SOURCE 7: JOBS FOR SOFTWARE ENGINEERS / DATA SCIENTISTS/ANALYSTS IN THE REGION

General Job Research

Whilst completing research online for these type of jobs, one of the most common areas of work within the South Wales region appears to be Cardiff. Being the capital, there seems to be many companies in this area covering these type roles.

Being a large city with a population of nearly 400,000 people and having a large city centre filled with shops and attractions, this may draw students to study in Cardiff University or even relocate to the area after graduation to take up post graduate roles and internships.

SOURCES SHOWING ACCESS TO BROADBAND, ECO-SOCIETAL INFORMATION ON INCOME THAT WOULD LIKELY INDICATE ABILITY TO PURCHASE IT EQUIPMENT – CHENG

1. Access to Technology and Internet in the Local Region

- Ofcom Broadband Coverage Data
- UK Census Data on Internet Access

2. Deprivation and Economic Factors in Swansea and Surrounding Areas

- Welsh Index of Multiple Deprivation (WIMD)
- Income and Employment Data (ONS)

OFCOM BROADBAND COVERAGE DATA

	Data
Fixed UK and nations	Fixed coverage UK and nations (ZIP, 5.4 KB)
Fixed postcode	Fixed coverage postcode unit data (ZIP, 26.5 MB)
	Fixed performance postcode unit data (ZIP, 49.0 MB)
Fixed output area	Fixed coverage census output area data (ZIP, 10.6 MB)
	Fixed performance census output area data (ZIP, 11.2 MB)
Fixed parliamentary constituency	Fixed coverage parliamentary constituency data (ZIP, 102.9 KB)
	Fixed performance parliamentary constituency data (ZIP, 45.4 KB)

- [Data downloads – Ofcom](#)

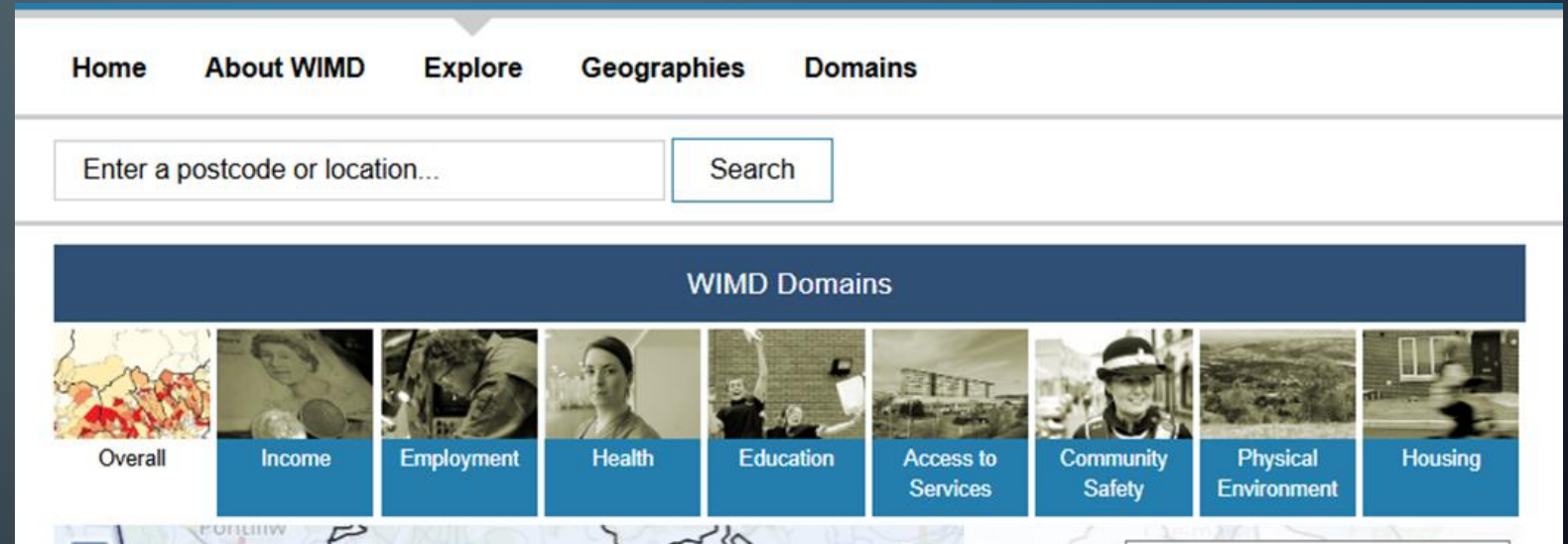
- Ofcom's datasets on broadband coverage can provide information on connection speeds, availability of fiber or high-speed broadband, and internet access in different neighborhoods, which is vital to understanding technological access in Swansea.

UK CENSUS DATA ON INTERNET ACCESS

- [Internet access - households and individuals - Office for National Statistics](#)
- Census data often includes information on households with internet access, which helps quantify digital inclusion in various parts of Swansea.

WELSH INDEX OF MULTIPLE DEPRIVATION (WIMD)

- [WIMD - Home Page](#)



- WIMD provides indicators on income, employment, health, education, and access to services, which can reveal economic and social factors impacting the potential for IT skills acquisition and workforce readiness.

INCOME AND EMPLOYMENT DATA (ONS)

Bon-y-maen Ward (as of 2022), Swansea Local Authority and Wales Country

2021 Census Area Profile

Summary

This report covers the characteristics of people and households in Bon-y-maen Ward (as of 2022) in Swansea (GSS code unknown). Figures are sourced from the 2021 census.

Area Profiles allow users to view local statistics across different topics and compare them to national statistics. They currently use local authority level data, and more data and geographies will be added over time.



Contents

- Demography and Migration
- Ethnic group, national identity, language and religion
- Work and Travel
- Housing
- Sexual Orientation and Gender Identity
- Education
- Health

- [Nomis - 2021 Census Area Profile - Bon-y-maen Ward \(as of 2022\), Swansea Local Authority and Wales Country](#)

- Understanding average income levels and employment rates in IT-relevant industries can help analyze whether people in the area have the economic means to invest in technology or IT education.

The background is a dark blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing nodes.

END
THANK YOU :)