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## Intro

This document lists the query output for the Philadelphia Home Internet Access - SQL Analysis project.

For the commentary and SQL code associated with this analysis, please refer to the SQL file listed in my portfolio's GitHub repository.

## 1.1 Set up Schools Table

Results Messages											
	SCHOOL_NAME	SCHOOL_NAME_LABEL	STREET_ADDRESS	ZIP_CODE	PHONE_NUMBER	ACTIVE	GRADE_LEVEL	GRADE_ORG	ENROLLMENT	TYPE	TY
1	WEST CATHOLIC PREPARATORY HIGH SCHOOL	WEST PHILADELPHIA CATHOLIC HIGH SCHOOL	4501-17 CHESTNUT ST	19139	(215) 386-2244	0	HIGH SCHOOL	45547	NULL	3	AF
2	ST THOMAS AQUINAS SCHOOL	ST THOMAS AQUINAS SCHOOL	1616 S 17TH ST	19145	(215) 334-0878	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	PI
3	ST RAYMOND OF PENAFORT SCHOOL	ST RAYMOND SCHOOL	1330 VERNON RD	19150	(215) 548-1919	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	PI
4	BLESSED TRINITY REGIONAL CATHOLIC SCHOOL	BLESSED TRINITY REGIONAL CATHOLIC SCHOOL	3033 LEVICK ST	19149	(215) 338-9797	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	AF
5	ST PETER THE APOSTLE SCHOOL	ST PETER THE APOSTLE SCHOOL	1009 N 5TH ST	19123	(215) 922-5958	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	AF
6	ST MATTHEW SCHOOL	ST MATTHEW SCHOOL	3040 COTTMAN AVE	19149	(215) 333-3142	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	AF
7	ST LAURENTIUS SCHOOL	ST LAURENTIUS SCHOOL	1612 E BERKS ST	19125	(215) 423-8834	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	AF
8	ST FRANCES CABRINI REGIONAL CATHOLIC SCHOOL	ST FRANCES CABRINI	405 N 65TH ST	19151	(215) 748-2994	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	PI
9	ST PIO REGIONAL CATHOLIC SCHOOL	ST PIO CATHOLIC REGIONAL SCHOOL	1826 POLLOCK ST	19145	(215) 467-5430	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	AF
10	DELTA SCHOOL	DELTA SCHOOL	3515 WOODHAVEN RD	19154	(215) 637-8235	0	ELEMENTARY/MIDDLE/HIGH	K-12	NULL	3	PI
11	NORWOOD FONTBONNE ACADEMY	NORWOOD FONTBONNE ACADEMY	8891 GERMANTOWN AVE	19118	(215) 247-3811	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	PI
12	SPRINGSIDE CHESTNUT HILL ACADEMY	SPRINGSIDE CHESTNUT HILL ACADEMY	500 W WILLOW GROVE AVE	19118	(215) 247-4700	0	ELEMENTARY/MIDDLE/HIGH	PREK-12	NULL	3	PI
13	CEDAR GROVE CHRISTIAN ACADEMY LOWER SCH...	CEDAR GROVE CHRISTIAN ACADEMY LOWER S...	6445 BINGHAM ST	19111	(215) 725-3383	0	ELEMENTARY/MIDDLE	PREK-11	NULL	3	PI
14	ST PETERS SCHOOL	ST PETER'S SCHOOL	311-21 LOMBARD ST	19147	(215) 925-3963	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3	PI

Query executed successfully.

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## 1.2 Clean GRADE\_ORG Values

	SCHOOL_NAME	SCHOOL_NAME_LABEL	STREET_ADDRESS	ZIP_CODE	PHONE_NUMBER	ACTIVE	GRADE_LEVEL	GRADE_ORG	ENROLLMENT	TYP
1	WEST CATHOLIC PREPARATORY HIGH SCHOOL	WEST PHILADELPHIA CATHOLIC HIGH SCHOOL	4501-17 CHESTNUT ST	19139	(215) 386-2244	0	HIGH SCHOOL	9-12	NULL	3
2	ST THOMAS AQUINAS SCHOOL	ST THOMAS AQUINAS SCHOOL	1616 S 17TH ST	19145	(215) 334-0878	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
3	ST RAYMOND OF PENAFORT SCHOOL	ST RAYMOND SCHOOL	1330 VERNON RD	19150	(215) 548-1919	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
4	BLESSED TRINITY REGIONAL CATHOLIC SCHOOL	BLESSED TRINITY REGIONAL CATHOLIC SCHOOL	3033 LEVICK ST	19149	(215) 338-9797	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
5	ST PETER THE APOSTLE SCHOOL	ST PETER THE APOSTLE SCHOOL	1009 N 5TH ST	19123	(215) 922-5958	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
6	ST MATTHEW SCHOOL	ST MATTHEW SCHOOL	3040 COTTMAN AVE	19149	(215) 333-3142	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
7	ST LAURENTIUS SCHOOL	ST LAURENTIUS SCHOOL	1612 E BERKS ST	19125	(215) 423-8834	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
8	ST FRANCES CABRINI REGIONAL CATHOLIC SCHOOL	ST FRANCES CABRINI	405 N 65TH ST	19151	(215) 748-2994	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
9	ST PIO REGIONAL CATHOLIC SCHOOL	ST PIO CATHOLIC REGIONAL SCHOOL	1826 POLLOCK ST	19145	(215) 467-5430	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
10	DELTA SCHOOL	DELTA SCHOOL	3515 WOODHAVEN RD	19154	(215) 637-8235	0	ELEMENTARY/MIDDLE/HIGH	K-12	NULL	3
11	NORWOOD FONTBONNE ACADEMY	NORWOOD FONTBONNE ACADEMY	8891 GERMANTOWN AVE	19118	(215) 247-3811	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3
12	SPRINGSIDE CHESTNUT HILL ACADEMY	SPRINGSIDE CHESTNUT HILL ACADEMY	500 W WILLOW GROVE AVE	19118	(215) 247-4700	0	ELEMENTARY/MIDDLE/HIGH	PREK-12	NULL	3
13	CEDAR GROVE CHRISTIAN ACADEMY LOWER SCHOOL	CEDAR GROVE CHRISTIAN ACADEMY LOWER SCHOOL	6445 BINGHAM ST	19111	(215) 725-3383	0	ELEMENTARY/MIDDLE	PREK-11	NULL	3
14	ST PETER'S SCHOOL	ST PETER'S SCHOOL	311-21 LOMBARD ST	19147	(215) 925-3963	0	ELEMENTARY/MIDDLE	PREK-8	NULL	3

✓ Query executed successfully.

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## 2. Households Unaware of PHLConnectED per ZIP Code

	ZIP_CODE	UNAWARE_COUNT	TOTAL_RESP_COUNT	UNAWARE_RATIO
22	19137	7	7	1.000000000000000000
23	19129	21	21	1.000000000000000000
24	19136	36	37	0.9729729729729729729
25	19150	33	34	0.9705882352941176470
26	19122	32	33	0.9696969696969696969
27	19119	78	81	0.9629629629629629629
28	19120	93	97	0.9587628865979381443
29	19107	23	24	0.9583333333333333333
30	19135	43	45	0.9555555555555555555
31	19152	42	44	0.9545454545454545454
32	19149	60	63	0.9523809523809523809
33	99998	20	21	0.9523809523809523809
34	19142	36	38	0.9473684210526315789
35	19115	35	37	0.9459459459459459459
36	19140	68	72	0.9444444444444444444

✓ Query executed successfully.

### 3.1 ZIP Codes with the Highest Unaware Ratios

Results Messages

	ZIP_CODE	UNAWARE_COUNT	TOTAL_RESP_COUNT	UNAWARE_RATIO
1	8401	1	1	1.0000000000000000
2	10120	1	1	1.0000000000000000
3	11935	1	1	1.0000000000000000
4	12121	1	1	1.0000000000000000
5	18974	1	1	1.0000000000000000
6	19023	1	1	1.0000000000000000
7	19026	1	1	1.0000000000000000
8	19032	1	1	1.0000000000000000
9	19050	1	1	1.0000000000000000
10	19101	1	1	1.0000000000000000
11	19109	1	1	1.0000000000000000
12	19113	1	1	1.0000000000000000
13	19176	1	1	1.0000000000000000
14	19184	1	1	1.0000000000000000
15	19333	1	1	1.0000000000000000

✓ Query executed successfully.

### 3.2 ZIP Codes with the Highest Unaware Ratios and > 5 Respondents

Results		Messages				
	ZIP_CODE	SCHOOL_NAME_LABEL	STREET_ADDRESS	Resp_Unaware_Count	TOTAL_RESP_COUNT	UNAWARE_RATIO
1	19129	A. PHILIP RANDOLPH CAREER AND TECHNICAL HIGH SCHOOL	3101 HENRY AVE	21	21	1.0000000000000000
2	19129	LABORATORY CHARTER SCHOOL OF COMMUNICATION AND LA...	3300 HENRY AVE	21	21	1.0000000000000000
3	19129	MERCY CAREER AND TECHNICAL HIGH SCHOOL	2900 W HUNTING PARK AVE	21	21	1.0000000000000000
4	19129	PHILADELPHIA HEBREW PUBLIC CHARTER SCHOOL	3300 HENRY AVE	21	21	1.0000000000000000
5	19129	THOMAS MIFFLIN SCHOOL	3624 CONRAD ST	21	21	1.0000000000000000
6	19137	BRIDESBURG SCHOOL	2824 JENKS ST	7	7	1.0000000000000000
7	19137	FRANKLIN TOWNE CHARTER ELEMENTARY SCHOOL	4259 RICHMOND ST	7	7	1.0000000000000000
8	19137	FRANKLIN TOWNE CHARTER HIGH SCHOOL	5301 TACONY ST	7	7	1.0000000000000000
9	19137	MARITIME ACADEMY CHARTER SCHOOL (MACS)	2275 BRIDGE ST	7	7	1.0000000000000000
10	19136	ABRAHAM LINCOLN HIGH SCHOOL	3201 RYAN AVE	36	37	0.9729729729729729
11	19136	BRIDGE WAY SCHOOL	7360 JACKSON ST	36	37	0.9729729729729729
12	19136	EDWIN FORREST SCHOOL	7300 COTTAGE ST	36	37	0.9729729729729729
13	19136	FATHER JUDGE HIGH SCHOOL	3301 SOLLY AVE	36	37	0.9729729729729729
14	19136	HOLMESBURG CHRISTIAN ACADEMY	7927 FRANKFORD AVE	36	37	0.9729729729729729
15	19136	JOSEPH H. BROWN SCHOOL	3600 STANWOOD ST	36	37	0.9729729729729729

✓ Query executed successfully.

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#### 4. Schools That Have the Highest Eligible Population per ZIP Code (< \$50,000 Yearly Household Income)

Results Messages				
	ZIP_CODE	SCHOOL_NAME_LABEL	STREET_ADDRESS	Under_50k_Count
1	19143	RICHARD ALLEN PREPARATORY CHARTER SCHOOL	2601 S 58TH ST	62
2	19143	GLOBAL LEADERSHIP ACADEMY AT HUEY	5200 PINE ST	62
3	19143	INDEPENDENCE CHARTER SCHOOL WEST	5600 CHESTER AVE	62
4	19143	BOYS LATIN OF PHILADELPHIA CHARTER SCHOOL	5501 CEDAR AVE	62
5	19143	AVERY D. HARRINGTON SCHOOL	5300 BALTIMORE AVE	62
6	19143	MOTIVATION HIGH SCHOOL	5900 BALTIMORE AVE	62
7	19143	WILLIAM C. LONGSTRETH SCHOOL	5700 WILLOWS AVE	62
8	19143	BENJAMIN B. COMEGYS SCHOOL	5100 GREENWAY AVE	62
9	19143	ADD B. ANDERSON SCHOOL	1034 S 60TH ST	62
10	19143	S. WEIR MITCHELL SCHOOL	5500 KINGSESSING AVE	62
11	19143	WILLIAM C. BRYANT SCHOOL	6001 CEDAR AVE	62
12	19143	HYACINTH MONTESSORI	5050 BALTIMORE AVE	62
13	19143	PHILADELPHIA FREE SCHOOL	4950 SPRINGFIELD AVE	62
14	19143	MASTERY CHARTER SCHOOL AT HARDY WILLIAMS	5400 WARRINGTON AVE	62
15	19143	ST FRANCIS DESALES SCHOOL	917 S 47TH ST	62

✓ Query executed successfully.

#### 5. Count of Households with Either No Internet or Mobile-Only Internet Per ZIP Code

Results Messages		
	ZIP_CODE	RESP_QUALIFY_COUNT
1	19120	6
2	19134	4
3	19140	4
4	19139	3
5	19124	3
6	19142	3
7	19145	2
8	99999	2
9	19141	1
10	19135	1
11	19136	1
12	19138	1
13	19146	1
14	19147	1
15	19148	1

✓ Query executed successfully.

## 6. Create a Procedure to Standardize a Query for PHLConnectED Qualification Criteria

	ZIP_CODE	RESP_QUALIFY_COUNT
1	19120	3
2	19134	2
3	19140	1
4	19141	1
5	19142	1
6	19149	1
7	19082	1
8	19104	1

## 7. Create a View for Power BI Dashboard Usage

	SCHOOL_NAME_LABEL	STREET_ADDRESS	ZIP_CODE	Resp_Count
1	"ACHIEVE ACADEMY "	1435 N 26TH ST	19121	51
2	A. PHILIP RANDOLPH CAREER AND TECHNICAL HIGH SCHO...	3101 HENRY AVE	19129	21
3	A.L. FITZPATRICK SCHOOL	11061 KNIGHTS RD	19154	47
4	ABRAHAM LINCOLN HIGH SCHOOL	3201 RYAN AVE	19136	37
5	ABRAM S. JENKS SCHOOL	2501 S 13TH ST	19148	77
6	ACADEMY AT PALUMBO	1100 CATHARINE ST	19147	90
7	ACADEMY FOR THE MIDDLE YEARS AT NORTHWEST	6000 RIDGE AVE	19128	84
8	ACHIEVE ACADEMY EAST	4224 N FRONT ST	19140	72
9	AD PRIMA CHARTER SCHOOL	1922 N 63RD ST	19151	48
10	AD PRIMA CHARTER SCHOOL	8034 THOURON AVE	19150	34
11	ADD B. ANDERSON SCHOOL	1034 S 60TH ST	19143	121
12	AL-AQSA ISLAMIC SCHOOL	1501-11 GERMANTOWN AVE	19122	33
13	ALAIN LOCKE SCHOOL	4550 HAVERFORD AVE	19139	69
14	ALBERT M. GREENFIELD SCHOOL	2200 CHESTNUT ST	19103	56
15	ALEXANDER ADAIRE SCHOOL	1300 E PALMER ST	19125	59

✓ Query executed successfully.

## Citations

1. "Philadelphia Household Internet Assessment Survey." *OpenDataPhilly*, [opendataphilly.org/datasets/philadelphia-household-internet-assessment-survey/](https://opendataphilly.org/datasets/philadelphia-household-internet-assessment-survey/). Accessed 21 July 2024.
2. "Schools." *OpenDataPhilly*, [opendataphilly.org/datasets/schools/](https://opendataphilly.org/datasets/schools/). Accessed 21 July 2024.