

SI399

# PIAAC2ESCO - An AI-driven classification of the PIAAC Background questionnaire onto the ESCO Skills Pillar (2022)

*PIAAC2ESCO - Una classificazione AI-driven del questionario PIAAC  
su ESCO Skills Pillar (2022)*

Fabio Mercorio

Versione/Version: 1.0 - 03/02/2023



## UniData

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Codebook for the study

SI399

**PIAAC2ESCO - An AI-driven classification of the PIAAC Background  
questionnaire onto the ESCO Skills Pillar (2022)**

Fabio Mercurio

Version: 1.0 - 03/02/2023

<i>IDNO - UniData Study Number</i>	3
<i>TITL - Study Title</i>	4
<i>VERSION - Data Version (archive)</i>	5
<i>RELEASE - Data Release (source)</i>	6
<i>PIAACQID - Question ID of the PIAAC survey</i>	7
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*Position:* 1

*Type:* String

*N:*

Valid	471
Missing	0
<b>Total</b>	<b>471</b>

*Statistics:*

	<b>Value</b>	<b>Freq.*</b>	<b>Perc.</b>	<b>Valid Perc.</b>
<b>Valid</b>	SI399	471	100	100
	<i>Total</i>	<i>471</i>	<i>100</i>	<i>100</i>
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

TITL	Study Title
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Position: 2

Type: String

N:	Valid	471
	Missing	0
	<b>Total</b>	<b>471</b>

Statistics:	Value	Freq.*	Perc.	Valid Perc.
<b>Valid</b>	PIAAC2ESCO - An AI-driven classification of the PIAAC Background questionnaire onto the ESCO Skills Pillar (2022)	471	100	100
	<i>Total</i>	471	100	100
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

Position: 3

Type: String

N:

Valid	471
Missing	0
<b>Total</b>	<b>471</b>

Statistics:

	Value	Freq.*	Perc.	Valid Perc.
<b>Valid</b>	1.0 - 03/02/2023	471	100	100
	<i>Total</i>	471	100	100
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

**RELEASE Data Release (source)**

Position: 4

Type: String

N:

Valid	471
Missing	0
<b>Total</b>	<b>471</b>

Statistics:

	Value	Freq.*	Perc.	Valid Perc.
<b>Valid</b>	1.0 - 01/12/2022	471	100	100
	<i>Total</i>	471	100	100
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

**PIAACQID**      **Question ID of the PIAAC survey**

Position: 5

Type: String

N:    Valid    471  
       Missing   0  
       **Total    471**

Statistics:	Value	Freq.*	Perc.	Valid Perc.
	F_Q02b	16	3	3
	F_Q02d	37	8	8
	F_Q04a	12	3	3
	F_Q05a	40	8	8
	G_Q01b	9	2	2
	G_Q01g	20	4	4
	G_Q01h	17	4	4
	G_Q02a	9	2	2
	G_Q03b	1	0	0
	G_Q03c	10	2	2
<b>Valid</b>	G_Q03d	32	7	7
	G_Q03g	11	2	2
	G_Q03h	1	0	0
	G_Q04	52	11	11
	G_Q05a	44	9	9
	G_Q05d	4	1	1
	G_Q05e	43	9	9
	G_Q05f	37	8	8
	G_Q05g	34	7	7
	L_Q04d	13	3	3
	L_Q04l	29	6	6
	<i>Total</i>	<i>471</i>	<i>100</i>	<i>100</i>
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

Position: 6

Type: String

N:	Valid	471
	Missing	0
	<b>Total</b>	<b>471</b>

Statistics:

	Value	Freq.*	Perc.	Valid Perc.
	calculate prices costs or budgets?	1	0	0
	conduct transactions on the internet for example buying or selling products or services or banking?	4	1	1
	faced by relatively simple problems that take no more than 5 minutes to find a good solution?	40	8	8
	I like learning new things	13	3	3
	I like to figure out how different ideas fit together	29	6	6
	instructing training or teaching people individually or in groups?	16	3	3
	persuading or influencing people?	12	3	3
	read bills invoices bank statements or other financial statements?	20	4	4
	read diagrams maps or schematics?	17	4	4
<b>Valid</b>	read letters memos or e-mails?	9	2	2
	selling a product or selling a service?	37	8	8
	use a calculator - either hand-held or computer based?	32	7	7
	use a programming language to program or write computer code?	34	7	7
	use a word processor for example Word?	37	8	8
	use email?	44	9	9
	use more advanced math or statistics such as calculus complex algebra trigonometry or use of regression techniques?	1	0	0
	use or calculate fractions decimals or percentages?	10	2	2
	use simple algebra or formulas?	11	2	2
	use spreadsheet software for example Excel?	43	9	9
	write letters memos or e-mails?	9	2	2
	you use a computer in your job?	52	11	11
	<i>Total</i>	471	100	100
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	



**ESCOSKCU ESCO skill conceptUri**

Position: 7

Type: String

N:	Valid	471
	Missing	0
	<b>Total</b>	<b>471</b>

Statistics:

	Value	Freq.*	Perc.	Valid Perc.
	http://data.europa.eu/esco/skill/02c71cde-f513-43da-8952-0974763c7568	9	2	2
	http://data.europa.eu/esco/skill/0af062de-eb43-41e9-9b96-249e2cd22d26	4	1	1
	http://data.europa.eu/esco/skill/0eb05180-6927-4c35-b898-176e00d0488c	4	1	1
	http://data.europa.eu/esco/skill/1225b032-7ead-464c-9072-64097d9a4b62	33	7	7
	http://data.europa.eu/esco/skill/15a33d76-4640-438d-ae64-fdc0c1d3eebc	7	1	1
	http://data.europa.eu/esco/skill/1973c966-f236-40c9-b2d4-5d71a89019be	96	20	20
	http://data.europa.eu/esco/skill/21c5790c-0930-4d74-b3b0-84caf5af12ea	1	0	0
	http://data.europa.eu/esco/skill/21d2f96d-35f7-4e3f-9745-c533d2dd6e97	1	0	0
	http://data.europa.eu/esco/skill/28a2ff4b-5f99-448e-8bd7-fb836166e95f	5	1	1
	http://data.europa.eu/esco/skill/29a50780-f81b-429c-b410-7f23a492e19d	5	1	1
	http://data.europa.eu/esco/skill/306a1555-9fa2-47af-b996-a0a8833cbe81	8	2	2
	http://data.europa.eu/esco/skill/31c69100-b612-4a61-8db5-fd314318854c	1	0	0
	http://data.europa.eu/esco/skill/4707da90-9cfc-46ca-8de0-38a0b7bfb137	4	1	1
	http://data.europa.eu/esco/skill/4a460161-eaea-4fe2-bd0e-164ccc635be1	4	1	1
	http://data.europa.eu/esco/skill/5ef0c719-5bc9-49f8-b8eb-824388225333	1	0	0
	http://data.europa.eu/esco/skill/5f1dd9f6-dcb4-4384-88c9-f9f6a75305c9	35	7	7
	http://data.europa.eu/esco/skill/699e7c26-6502-4e78-a823-3656ff5a5b8b	7	1	1
	http://data.europa.eu/esco/skill/69bbd53f-fbb0-4476-b4b2-ef7844464e28	2	0	0
	http://data.europa.eu/esco/skill/6c870993-9341-438b-91c0-c7fe4f96d8f5	6	1	1
	http://data.europa.eu/esco/skill/6e04cc9f-d409-49f0-9224-d9cb32e83631	5	1	1
<b>Valid</b>	http://data.europa.eu/esco/skill/7193cb6d-8334-494f-86e5-21e6d03a47c3	2	0	0
	http://data.europa.eu/esco/skill/71dde84c-0058-4c52-a556-523369333db8	5	1	1

	<a href="http://data.europa.eu/esco/skill/75f839c2-fd9a-4ad3-8921-6e734608568d">http://data.europa.eu/esco/skill/75f839c2-fd9a-4ad3-8921-6e734608568d</a>	15	3	3
	<a href="http://data.europa.eu/esco/skill/76f22707-8d30-453f-9eb7-3376e2960311">http://data.europa.eu/esco/skill/76f22707-8d30-453f-9eb7-3376e2960311</a>	27	6	6
	<a href="http://data.europa.eu/esco/skill/7fc4c18a-68f3-425a-aadf-f83633be47a1">http://data.europa.eu/esco/skill/7fc4c18a-68f3-425a-aadf-f83633be47a1</a>	1	0	0
	<a href="http://data.europa.eu/esco/skill/81633a44-f1db-4a01-a940-804c6905e330">http://data.europa.eu/esco/skill/81633a44-f1db-4a01-a940-804c6905e330</a>	32	7	7
	<a href="http://data.europa.eu/esco/skill/87439d9b-b537-4f90-a00a-3ec3bbfec5d1">http://data.europa.eu/esco/skill/87439d9b-b537-4f90-a00a-3ec3bbfec5d1</a>	9	2	2
	<a href="http://data.europa.eu/esco/skill/8c4c49d4-9708-433f-8ca7-bf2c5211ee49">http://data.europa.eu/esco/skill/8c4c49d4-9708-433f-8ca7-bf2c5211ee49</a>	5	1	1
	<a href="http://data.europa.eu/esco/skill/91306a20-9b81-4f3d-97eb-f5368b607da7">http://data.europa.eu/esco/skill/91306a20-9b81-4f3d-97eb-f5368b607da7</a>	4	1	1
	<a href="http://data.europa.eu/esco/skill/99571e68-801f-49af-a897-5f75996642e1">http://data.europa.eu/esco/skill/99571e68-801f-49af-a897-5f75996642e1</a>	7	1	1
	<a href="http://data.europa.eu/esco/skill/a44c0ed6-68b1-457a-9c6d-ea8487bdfeb2">http://data.europa.eu/esco/skill/a44c0ed6-68b1-457a-9c6d-ea8487bdfeb2</a>	12	3	3
	<a href="http://data.europa.eu/esco/skill/b07dadcc-8625-4360-946e-ad2b0e56ebf6">http://data.europa.eu/esco/skill/b07dadcc-8625-4360-946e-ad2b0e56ebf6</a>	8	2	2
	<a href="http://data.europa.eu/esco/skill/b711fd4d-0b1a-4e08-ae16-339bb2430ffd">http://data.europa.eu/esco/skill/b711fd4d-0b1a-4e08-ae16-339bb2430ffd</a>	5	1	1
	<a href="http://data.europa.eu/esco/skill/c624c6a3-b0ba-4a31-a296-0d433fe47e41">http://data.europa.eu/esco/skill/c624c6a3-b0ba-4a31-a296-0d433fe47e41</a>	32	7	7
	<a href="http://data.europa.eu/esco/skill/c8be7061-e129-4ce2-b449-0be6f7d9eba6">http://data.europa.eu/esco/skill/c8be7061-e129-4ce2-b449-0be6f7d9eba6</a>	6	1	1
	<a href="http://data.europa.eu/esco/skill/cd990eab-c6a9-4c11-b17d-b12a98f6573b">http://data.europa.eu/esco/skill/cd990eab-c6a9-4c11-b17d-b12a98f6573b</a>	8	2	2
	<a href="http://data.europa.eu/esco/skill/ddc3119d-1d6e-4324-9125-a3380d299ac5">http://data.europa.eu/esco/skill/ddc3119d-1d6e-4324-9125-a3380d299ac5</a>	18	4	4
	<a href="http://data.europa.eu/esco/skill/e186976a-64f0-4052-a25b-297d19e1d0ec">http://data.europa.eu/esco/skill/e186976a-64f0-4052-a25b-297d19e1d0ec</a>	16	3	3
	<a href="http://data.europa.eu/esco/skill/e2d44a9b-f28c-489e-9861-b654b5ded507">http://data.europa.eu/esco/skill/e2d44a9b-f28c-489e-9861-b654b5ded507</a>	7	1	1
	<a href="http://data.europa.eu/esco/skill/eb8babfb-ab91-4937-a032-6a79f82e9b7f">http://data.europa.eu/esco/skill/eb8babfb-ab91-4937-a032-6a79f82e9b7f</a>	4	1	1
	<a href="http://data.europa.eu/esco/skill/f0f93b8b-0ee4-4452-945e-4a2272c0d8dd">http://data.europa.eu/esco/skill/f0f93b8b-0ee4-4452-945e-4a2272c0d8dd</a>	10	2	2
	<i>Total</i>	471	100	100
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

**ESCOSK**      **Item of the ESCO skill classification (english)**

*Position:* 8

*Type:* String

*N:*

Valid	471
Missing	0
<b>Total</b>	<b>471</b>

*Statistics:* Frequencies table not shown because values are not labelled and there are more than 50 unique values

**ESCOVER**      **ESCO version**

*Position:* 9

*Type:* String

*N:*

Valid	471
Missing	0
<b>Total</b>	<b>471</b>

*Statistics:*

	<b>Value</b>	<b>Freq.*</b>	<b>Perc.</b>	<b>Valid Perc.</b>
<b>Valid</b>	v1.0.8	471	100	100
	<i>Total</i>	<i>471</i>	<i>100</i>	<i>100</i>
* not weighted	<b>Total</b>	<b>471</b>	<b>100</b>	

