

Wikidata for filling knowledge gaps in the emerging communities

Indic case study


User:SGill (WMF), User:Bodhisattwa

Knowledge gaps

- Filling knowledge gaps with Wikidata
- Filling knowledge gaps in Wikidata

Filling knowledge gaps with Wikidata

- ArticlePlaceholder, Scribe, Wikidata Infoboxes
- Wikidata driven templates such as {{Author}}

Esther Lee 		American poet and editor					Q64785582
Grace Jahng Lee 		American writer	female			writer	Q64785588
Lisa Lee 		American writer					Q64785650
Junno Lee 		American writer					Q64785774
Katherine J Lee 		American writer	female				Q64785793
Henry W. Leung 		Chinese American writer					Q64785861
Jane Lin 		American writer and engineer					Q64785945
Michelle Lin 		Asian American writer					Q64785953
Willie Lin 		American writer					Q64786094
Kenji C. Liu 		American writer					Q64786104
Angie Sijun Lou 		American writer					Q64789105
Phayvanh Luekhamhan 		Laotian American writer					Q64789414
Jennifer Lue 		American writer	female				Q64790697
Janice Luo 		American poet					Q64790797
Rona Luo 		American writer					Q64790911

Preview

This is only a preview; your changes have not yet been saved! → [Go to editing area](#)



This is an initial **draft** for an article on **Grace Jahng Lee**. This page is not yet ready for **mainspace**.

Are you happy with this draft's content and think it's ready for the encyclopedia? Save your work by pressing "Save page" below, and a button will appear here allowing you to submit your draft for review.

Grace Jahng Lee (October 18 –) is/was a writer.

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Early life

Grace Jahng Lee was born on October 18 in .

Career

Awards and honors

Grace Jahng Lee



Alma mater [Smith College](#)
[University of California](#) ✎

Awards [Kundiman fellow](#) ✎

Filling knowledge gaps in and around Wikidata

- Localization
- Adding local data
- Building community capacity

The Indic Case Study

Wikidata Workshops

2016 - CCD with the Tamil community

2017 - Wikidata Trainings across India

2018 - Advanced Wikidata workshop



WikiProject India

- 2017** WikiProject India
WikiProject ISRO
WikiProject West Bengal
- 2018** WikiProject Indian Railways
- 2019** WikiProject Kerala

Engaging Newbies

- Labelathons & Datathons

International Mother Language Day Edit-a-thons

Indian Independence Day labelathon and datathon

- Wikidata & Education

VVIT WikiConnect Workshops

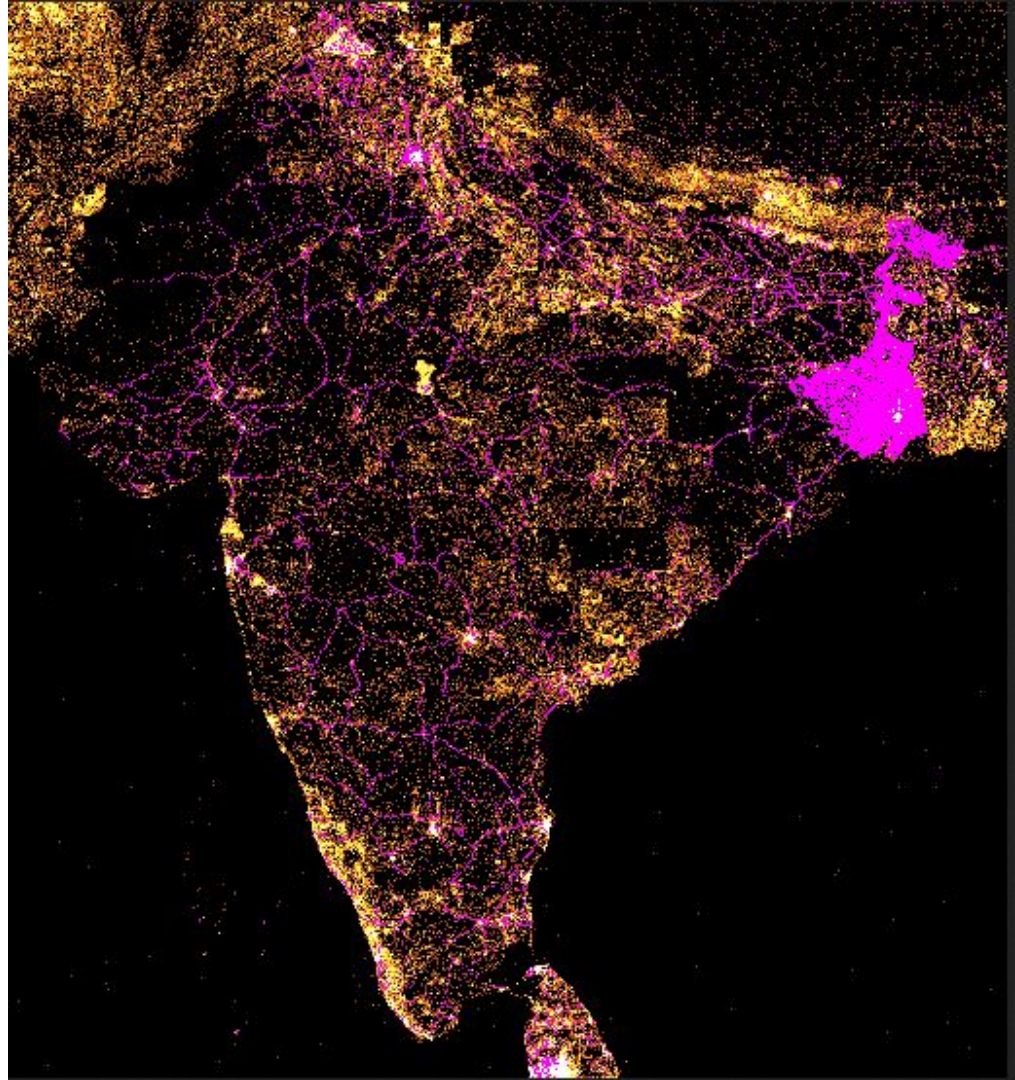


Challenges

- Active contributors are focused on other projects
- Multilingual community
- Spread over vast region

Approach

1. Target data gaps
2. Start locally
3. Inspire to contribute

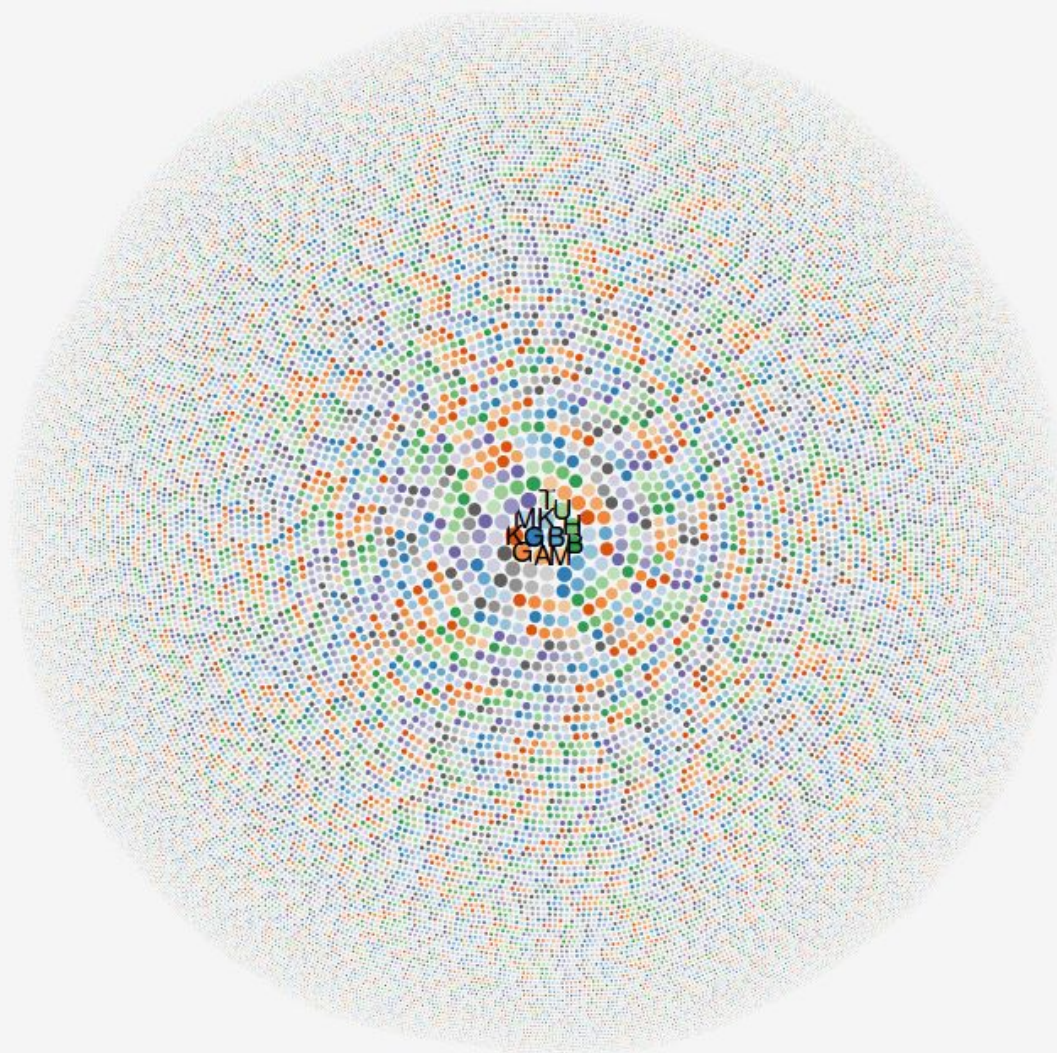


Data ingestion for West Bengal

- ~40,000 villages with 2001 & 2011 census data
- ~ 11,000 government hospitals
- > 1 million Bengali labels
and so on....

Population
growth in
villages of
West Bengal
between 2001
and 2011

<https://w.wiki/AZH>



Wikidata:WikiProject Medicine/Hospitals by country/numbers

Top groupings (Minimum 0 items)		Top Properties (used at least 0 times per grouping)										
Name	Count	country (P17)	loc (adm)	coordinates	inception	beds	named for	closed(P3999)	demolished	web	image	Commons
India (Q668)	13466	100.0% (13466)	98.21% (13225)	95.91% (12915)	2.68% (361)	0.7% (94)	0.07% (9)	0.01% (1)	0% (0)	3.15% (424)	0.64% (86)	0.32% (43)
United States of America (Q30)	2813	100.0% (2813)	95.88% (2697)	84.86% (2387)	59.47% (1673)	33.42% (940)	0.96% (27)	3.02% (85)	0.78% (22)	68.86% (1937)	30.89% (869)	11.45% (322)
Japan (Q17)	2000	100.0% (2000)	96.85% (1937)	84.1% (1682)	53.3% (1066)	79.45% (1589)	0.1% (2)	1.35% (27)	0.25% (5)	41.25% (825)	67.65% (1353)	6.2% (124)
United Kingdom (Q145)	1567	100.0% (1567)	96.23% (1508)	67.65% (1060)	51.95% (814)	20.23% (317)	0.89% (14)	16.08% (252)	1.15% (18)	41.86% (656)	54.24% (850)	15.63% (245)
People's Republic of China (Q148)	1106	100.0% (1106)	90.33% (999)	71.7% (793)	67.45% (746)	8.77% (97)	0.72% (8)	0.27% (3)	0% (0)	73.78% (816)	10.13% (112)	6.96% (77)
Germany (Q183)	991	100.0% (991)	92.53% (917)	87.59% (868)	59.74% (592)	31.99% (317)	2.83% (28)	0.91% (9)	1.11% (11)	59.64% (591)	38.55% (382)	30.47% (302)
France (Q142)	637	100.0% (637)	94.35% (601)	85.24% (543)	23.86% (152)	16.48% (105)	4.55% (29)	1.41% (9)	0% (0)	36.58% (233)	60.13% (383)	52.9% (337)
Spain (Q29)	554	100.0% (554)	86.1% (477)	71.3% (395)	44.58% (247)	18.05% (100)	5.42% (30)	0.72% (4)	0.72% (4)	44.58% (247)	51.26% (284)	46.21% (256)
Brazil (Q155)	465	100.0% (465)	87.31% (406)	34.62% (161)	27.1% (126)	19.57% (91)	2.58% (12)	0% (0)	0.65% (3)	42.37% (197)	25.59% (119)	11.4% (53)
Canada (Q16)	378	100.0% (378)	97.09% (367)	92.06% (348)	67.2% (254)	43.39% (164)	1.59% (6)	3.97% (15)	0% (0)	67.72% (256)	43.65% (165)	19.05% (72)
Australia (Q408)	278	100.0% (278)	99.28% (276)	91.37% (254)	64.39% (179)	38.49% (107)	7.19% (20)	8.27% (23)	1.8% (5)	60.07% (167)	45.68% (127)	19.78% (55)
Italy (Q38)	269	100.0% (269)	89.22% (240)	69.89% (188)	26.02% (70)	20.82% (56)	3.72% (10)	1.12% (3)	2.23% (6)	57.99% (156)	31.6% (85)	26.77% (72)

Wikidata:WikiProject Medicine/Hospitals by country/India/statistics

< Wikidata:WikiProject Medicine | Hospitals by country | India

all entities [↗](#) | count [↗](#) | all groupings [↗](#) | without grouping property [↗](#) | below threshold (0) [↗](#)

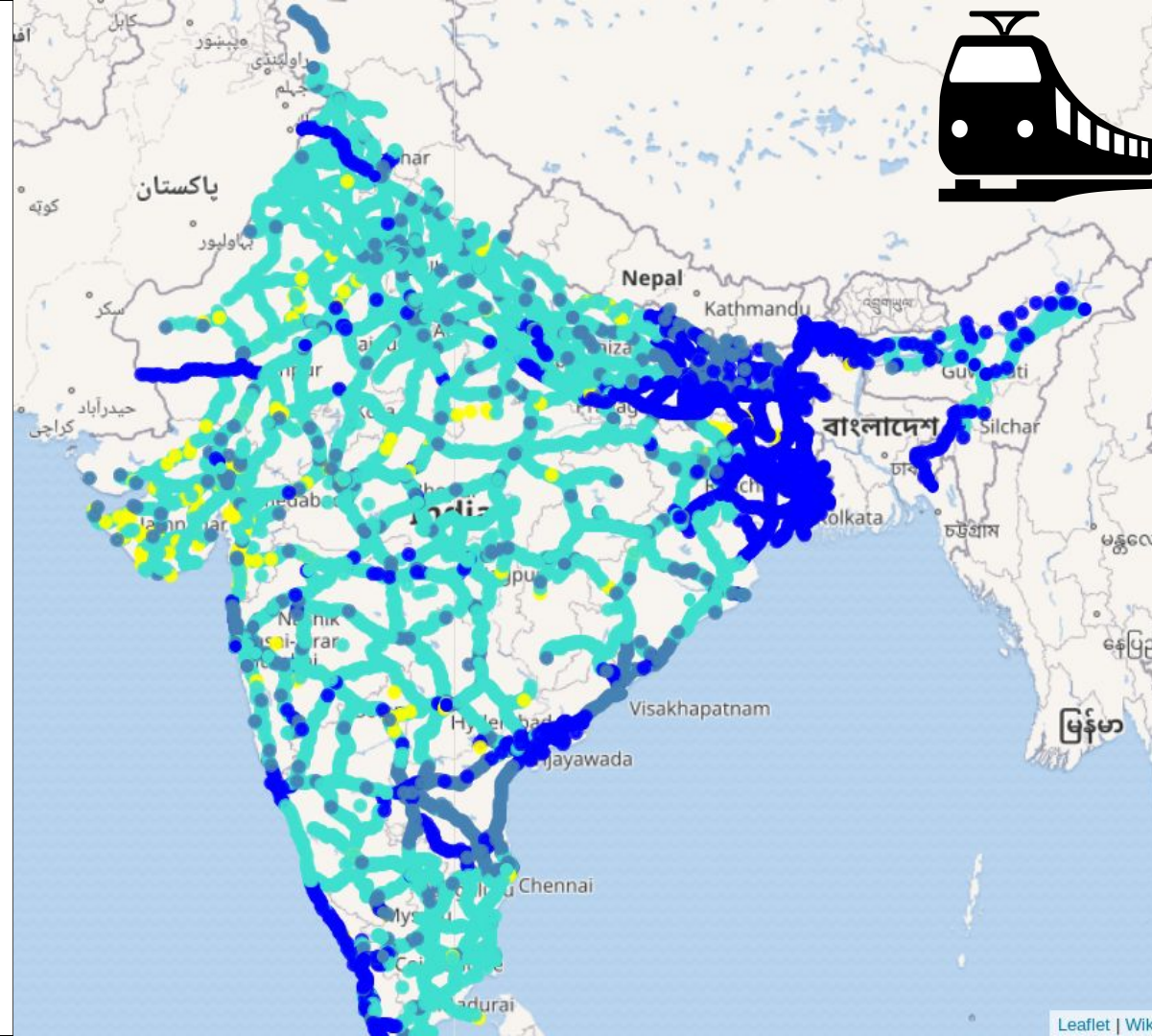
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Top groupings (Minimum 0 items)		Top Properties (used at least 10 times per grouping)						
Name	Count	located	image (P18)	inception (P571)	coordinates	named after (P138)	web	
West Bengal (Q1356)	11642	100.0% (11642)	0.09% (11)	0.31% (36)	98.07% (11417)	0% (0)	0.33% (39)	
Tripura (Q1363)	1135	100.0% (1135)	0% (0)	0% (0)	93.92% (1066)	0% (0)	0% (0)	
Karnataka (Q1185)	69	100.0% (69)	17.39% (12)	39.13% (27)	40.58% (28)	0% (0)	72.46% (50)	
Maharashtra (Q1191)	67	100.0% (67)	11.94% (8)	61.19% (41)	79.1% (53)	0% (0)	80.6% (54)	
Tamil Nadu (Q1445)	55	100.0% (55)	14.55% (8)	67.27% (37)	72.73% (40)	0% (0)	83.64% (46)	
Kerala (Q1186)	48	100.0% (48)	27.08% (13)	60.42% (29)	41.67% (20)	4.17% (2)	58.33% (28)	
Delhi (Q1353)	31	100.0% (31)	16.13% (5)	67.74% (21)	67.74% (21)	3.23% (1)	77.42% (24)	
Telangana (Q677037)	25	100.0% (25)	20.0% (5)	60.0% (15)	36.0% (9)	4.0% (1)	52.0% (13)	
Uttar Pradesh (Q1498)	24	100.0% (24)	4.17% (1)	62.5% (15)	50.0% (12)	8.33% (2)	54.17% (13)	
Gujarat (Q1061)	16	100.0% (16)	0% (0)	75.0% (12)	75.0% (12)	0% (0)	81.25% (13)	
Haryana (Q1174)	16	100.0% (16)	12.5% (2)	62.5% (10)	43.75% (7)	0% (0)	68.75% (11)	
Madhya Pradesh (Q1188)	13	100.0% (13)	7.69% (1)	46.15% (6)	53.85% (7)	0% (0)	61.54% (8)	
Andhra Pradesh (Q1159)	13	100.0% (13)	30.77% (4)	76.92% (10)	46.15% (6)	0% (0)	30.77% (4)	
Odisha (Q22048)	12	100.0% (12)	16.67% (2)	66.67% (8)	41.67% (5)	0% (0)	75.0% (9)	

Started from West Bengal

~9000 Indian railway stations

Connected with Pakistan and Bangladesh



Wikidata:WikiProject Railways/Property Statistics

< Wikidata:WikiProject Railways

all entities [↗](#) | count [↗](#) | all groupings [↗](#) | without grouping property [↗](#) | below threshold (0) [↗](#)

Manually update [↗](#)

Top groupings (Minimum 0 items)		Top Properties (used at least 0 times per grouping)							
Name	Count	image (P18)	location	coordinate location (P625)	owned by (P127)	operator (P137)	adjacent station (P197)	connecting line (P81)	
Japan (Q17)	10891	80.09% (8723)	77.63% (8455)	95.54% (10405)	1.06% (115)	40.38% (4398)	77.89% (8483)	77.86% (8480)	
India (Q668)	9036	12.08% (1092)	33.83% (3057)	99.11% (8956)	97.19% (8782)	54.01% (4880)	37.42% (3381)	16.64% (1504)	
United Kingdom (Q145)	8205	67.24% (5517)	92.37% (7579)	97.62% (8010)	2.97% (244)	32.87% (2697)	13.24% (1086)	7.68% (630)	
People's Republic of China (Q148)	5863	35.58% (2086)	66.52% (3900)	57.48% (3370)	2.59% (152)	52.21% (3061)	71.04% (4165)	96.83% (5677)	
Poland (Q36)	5722	42.96% (2458)	95.74% (5478)	97.38% (5572)	8.53% (488)	4.11% (235)	90.79% (5195)	6.48% (371)	
France (Q142)	4250	81.67% (3471)	98.35% (4180)	98.85% (4201)	85.58% (3637)	75.25% (3198)	72.49% (3081)	96.09% (4084)	
Italy (Q38)	3911	57.4% (2245)	95.93% (3752)	99.11% (3876)	5.7% (223)	60.29% (2358)	89.11% (3485)	97.01% (3794)	
Germany (Q183)	3403	76.73% (2611)	87.48% (2977)	94.53% (3217)	12.49% (425)	36.26% (1234)	41.29% (1405)	55.16% (1877)	

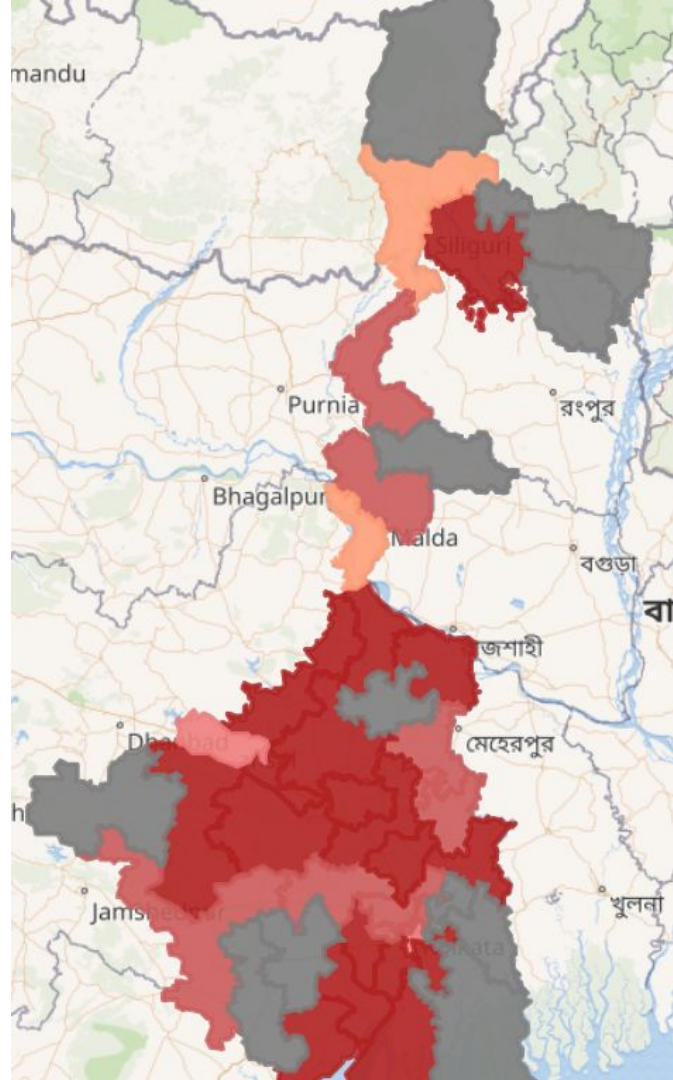


Election data

- Everything about 2014 Indian General Election
- Currently uploading geoshape files of the constituencies.



<https://w.wiki/6xC>



In the pipeline

- Schools
- Bank branches
- Post offices
- Geoshapes
- Election

And many more.....

In not so distant future

- Weather
 - Bibliographical data (love for Wikisource)
 - Institutional partnerships
- And many more.....

Other ways to engage

- Skill share [\[\[WD:INDSS\]\]](#)
- Newsletter [\[\[WD:INDNL\]\]](#)
- Visualisation showcase in Social Media [\[\[WD:INDQSM\]\]](#)

How can you help!

Surfacing more knowledge gaps on wikis

- Contest/Datathons work best when we have lists
- We need your help: How to use P5008, other properties, and tools like mix-n-match to highlight gaps?
- Join [WikiProject_Identifying_Knowledge_Gaps](#)

Thank you!

