Analyse Badges in StackOverflow

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Contents

```
## Loading required package: tidyverse

## -- Attaching packages -------------------------------------------------- tidyverse 1.2.1 --

## √ ggplot2 2.2.1      √ purrr   0.2.4
## √ tibble  1.4.2      √ dplyr   0.7.4
## √ tidyr   0.8.0      √ stringr 1.3.0
## √ readr   1.1.1      √ forcats 0.3.0

## -- Conflicts ----------------------------------------------- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
> devtools::install_github("dgrtwo/stackr", build_vignettes = TRUE)
> browseVignettes("stackr")

> all_badges <- stack_badges(special = "name", pagesize = 100, filter = "!9Z(-x-rJv")
> all_badges <- tbl_df(all_badges)

> saveRDS(all_badges, file = "badges.rds")

> library(stackr)
> badges <- readRDS("badges.rds")
> # shorten very long text in line 51, colum 6
> badges[51,6] <- "
+ Met a Stack Overflow employee at an event where Stack Overflow was an organizer"
> badges_names <- badges[, c(7,4,2,3,6)]
> badges_names <- rename(badges_names, n = award_count, id = badge_id)
> badges_names <- badges_names[order(badges_names$name, decreasing = FALSE),]
> write_csv(badges_names, file.path("badges_name.csv"))
> badges_count <- badges_names[order(badges_names$n, decreasing = TRUE),]
> write_csv(badges_count, file.path("badges_count.csv"))
> badges_id <- badges_names[order(badges_names$id, decreasing = FALSE),]
> write_csv(badges_id, file.path("badges_id.csv"))
```

Table 1: Badges in StackOverflow, sorted alphabetically

name	id	n	rank	description
Altruist	222	8116	bronze	First bounty you manually award on another person's question
Analytical	1306	43749	bronze	Visited every section of the FAQ (retired)
Announcer	260	128960	bronze	Share a link to a question later visited by 25 unique IP addresses
Archaeologist	1286	1875	silver	Edit 100 posts that were inactive for 6 months
Autobiographer	9	793917	bronze	Complete "About Me" section of user profile
Benefactor	221	38726	bronze	First bounty you manually award on your own question
Beta	30	2510	silver	Voted 10 times, added 3 posts score > 0, and visited the site on 3 separate days during the private beta
Booster	261	3188	silver	Share a link to a question later visited by 300 unique IP addresses
Caucus	1973	573729	bronze	Visit an election during any phase of an active election and have enough reputation to cast a vote
Census	6644	71179	silver	Completed the annual Stack Overflow survey; your responses are anonymous
Citizen Patrol	8	176599	bronze	First flagged post
Civic Duty	32	79772	silver	Vote 300 or more times
Cleanup	4	40552	bronze	First rollback
Commentator	31	795327	bronze	Leave 10 comments
Constable	3108	0	gold	Served as a pro-tem moderator for at least 1 year or through site graduation
Constituent	1974	186499	silver	Vote for a candidate in the final phase of an election
Convention	901	2037	silver	10 posts with score of 2 on meta
Copy Editor	223	2789	gold	Edit 500 posts (excluding own or deleted posts and tag edits)
Critic	7	336028	bronze	First down vote
Curious	4127	281933	bronze	Ask a well-received question on 5 separate days, and maintain a positive question record
Custodian	2278	653666	bronze	Complete at least one review task. This badge is awarded once per review type
Deputy	1002	10585	silver	Raise 80 helpful flags
Disciplined	37	10805	bronze	Delete own post with score of 3 or higher
Documentation Beta	6157	294	silver	Contributed 3+ substantive pieces of documentation during the private beta
Documentation Pioneer	6158	2359	silver	Contributed 3+ substantive pieces of documentation in the first month of documentation
Documentation User	7358	43297	silver	Earned at least one badge for contributing to Stack Overflow Documentation
Editor	3	1927750	bronze	First edit
Electorate	155	16928	gold	Vote on 600 questions and 25% or more of total votes are on questions
Enlightened	19	324737	silver	First to answer and accepted with score of 10 or more
Enthusiast	71	183548	silver	Visit the site each day for 30 consecutive days. (Days are counted in UTC.)
Epic	145	657	silver	Earn 200 daily reputation 50 times
Excavator	1287	115391	bronze	Edit first post that was inactive for 6 months
Explainer	4368	55682	bronze	Edit and answer 1 question (both actions within 12 hours, answer score > 0)
Famous Question	28	526739	gold	Question with 10,000 views
Fanatic	83	27854	gold	Visit the site each day for 100 consecutive days. (Days are counted in UTC.)

name	id	n	rank	description
Favorite Question	33	41797	silver	Question favorited by 25 users
Generalist	15	1018	silver	Provide non-wiki answers of 15 total score in 20 of top 40 tags
Good Answer	24	336067	silver	Answer score of 25 or more
Good Question	21	157181	silver	Question score of 25 or more
Great Answer	25	57827	gold	Answer score of 100 or more
Great Question	22	26191	gold	Question score of 100 or more
Guru	18	106595	silver	Accepted answer and score of 40 or more
Illuminator	4370	92	gold	Edit and answer 500 questions (both actions within 12 hours, answer score > 0)
Informed	2600	1710652	bronze	Read the entire tour page
Inquisitive	4128	28182	silver	Ask a well-received question on 30 separate days, and maintain a positive question record
Investor	219	16282	bronze	First bounty you offer on another person's question
Legendary	146	249	gold	Earn 200 daily reputation 150 times
Marshal	1298	2487	gold	Raise 500 helpful flags
Mortarboard	144	29055	bronze	Earn at least 200 reputation (the daily maximum) in a single day
Necromancer	17	446988	silver	Answer a question more than 60 days later with score of 5 or more
Nice Answer	23	1014178	bronze	Answer score of 10 or more
Nice Question	20	487633	bronze	Question score of 10 or more
Not a Robot	6381	642	silver	Met a Stack Overflow employee at an event where Stack Overflow was an organizer
Notable Question	27	1846217	silver	Question with 2,500 views
Organizer	5	110543	bronze	First retag
Outspoken	998	1154	silver	Post 10 messages in chat starred by 10 different users
Peer Pressure	38	184789	bronze	Delete own post with score of -3 or lower
Popular Question	26	3697130	bronze	Question with 1,000 views
Populist	62	16625	gold	Highest scoring answer that outscored an accepted answer with score of more than 10 by more than 2x
Precognitive	892	0	bronze	Followed the Area 51 proposal for this site before it entered the commitment phase
Promoter	220	68739	bronze	First bounty you offer on your own question
Proofreader	1276	16402	bronze	Approve or reject 100 suggested edits
Publicist	262	935	gold	Share a link to a question later visited by 1000 unique IP addresses
Pundit	94	9151	silver	Leave 10 comments with score of 5 or more
Quorum	900	25130	bronze	One post with score of 2 on meta
Refiner	4369	1767	silver	Edit and answer 50 questions (both actions within 12 hours, answer score > 0)
Research Assistant	1656	280	silver	Edit 50 tag wikis
Reversal	95	290	gold	Provide an answer of +20 score to a question of -5 score
Reviewer	1478	33210	silver	Complete at least 250 review tasks. This badge is awarded once per review type
Revival	837	322032	bronze	Answer more than 30 days after a question was asked as first answer scoring 2 or more
Scholar	10	1588028	bronze	Ask a question and accept an answer
Self-Learner	14	121305	bronze	Answer your own question with score of 3 or more

name	id	n	rank	description
Sheriff	3109	36	gold	Served as an elected moderator for at least 1 year
Socratic	4129	3345	gold	Ask a well-received question on 100 separate days, and maintain a positive question record
Sportsmanship	805	2565	silver	Up vote 100 answers on questions where an answer of yours has a positive score
Stellar Question	36	5999	gold	Question favorited by 100 users
Steward	2279	11815	gold	Complete at least 1,000 review tasks. This badge is awarded once per review type
Strunk & White	12	14629	silver	Edit 80 posts
Student	2	1924763	bronze	First question with score of 1 or more
Suffrage	804	43529	bronze	Use 30 votes in a day
Supporter	6	1161764	bronze	First up vote
Synonymizer	1224	896	bronze	First approved tag synonym
Tag Editor	254	21874	bronze	First tag wiki edit
Talkative	884	9573	bronze	Post 10 messages, with 1 or more starred, in chat
Taxonomist	11	11705	silver	Create a tag used by 50 questions
Teacher	1	1259569	bronze	Answer a question with score of 1 or more
Tenacious	225	47977	silver	Zero score accepted answers: more than 5 and 20% of total
Tumbleweed	63	991858	bronze	Asked a question with zero score, no answers, no comments, and low views for a week
Unsung Hero	226	18749	gold	Zero score accepted answers: more than 10 and 25% of total
Vox Populi	1108	28273	bronze	Use the maximum 40 votes in a day
Yearling	13	1317478	silver	Active member for a year, earning at least 200 reputation

Table 2: Badges in StackOverflow, sorted by ID

name	id	n	rank	description
Teacher	1	1259569	bronze	Answer a question with score of 1 or more
Student	2	1924763	bronze	First question with score of 1 or more
Editor	3	1927750	bronze	First edit
Cleanup	4	40552	bronze	First rollback
Organizer	5	110543	bronze	First retag
Supporter	6	1161764	bronze	First up vote
Critic	7	336028	bronze	First down vote
Citizen Patrol	8	176599	bronze	First flagged post
Autobiographer	9	793917	bronze	Complete "About Me" section of user profile
Scholar	10	1588028	bronze	Ask a question and accept an answer
Taxonomist	11	11705	silver	Create a tag used by 50 questions
Strunk & White	12	14629	silver	Edit 80 posts
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Generalist	15	1018	silver	Provide non-wiki answers of 15 total score in 20 of top 40 tags
Necromancer	17	446988	silver	Answer a question more than 60 days later with score of 5 or more
Guru	18	106595	silver	Accepted answer and score of 40 or more
Enlightened	19	324737	silver	First to answer and accepted with score of 10 or more
Nice Question	20	487633	bronze	Question score of 10 or more
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Commentator	31	795327	bronze	Leave 10 comments
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Disciplined	37	10805	bronze	Delete own post with score of 3 or higher
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Populist	62	16625	gold	Highest scoring answer that outscored an accepted answer with score of more than 10 by more than 2x

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Tumbleweed	63	991858	bronze	Asked a question with zero score, no answers, no comments, and low views for a week
Enthusiast	71	183548	silver	Visit the site each day for 30 consecutive days. (Days are counted in UTC.)
Fanatic	83	27854	gold	Visit the site each day for 100 consecutive days. (Days are counted in UTC.)
Pundit	94	9151	silver	Leave 10 comments with score of 5 or more
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Census	6644	71179	silver	Completed the annual Stack Overflow survey; your responses are anonymous
Documentation User	7358	43297	silver	Earned at least one badge for contributing to Stack Overflow Documentation

Table 3: Badges in StackOverflow, sorted by badges awarded

name	id	n	rank	description
Popular Question	26	3697130	bronze	Question with 1,000 views
Editor	3	1927750	bronze	First edit
Student	2	1924763	bronze	First question with score of 1 or more
Notable Question	27	1846217	silver	Question with 2,500 views
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