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## Kaggle Progression System

Kaggle's Progression System uses performance tiers to track your growth as a data scientist on Kaggle. Along the way, you'll earn medals for your achievements and compete for data science glory on live leaderboards.




### Categories of Expertise

The Progression System is designed around four Kaggle categories of data science expertise: **Competitions**, **Notebooks**, **Datasets**, and **Discussion**. Advancement through performance tiers is done independently within each category of expertise.

### Performance Tiers


Within each category of expertise, there are five performance tiers that can be achieved in accordance with the quality and quantity of work you produce: **Novice**, **Contributor**, **Expert**, **Master**, and **Grandmaster**.

For example, you could be a Competitions Master, a Datasets Expert, a Notebooks Grandmaster, and a Discussion Expert:















**Awesome Data Scientist**  
Awesome Data Scientist at Kaggle  
San Francisco, California, United States  
Joined 2 years ago · last seen in the past day

Followers 2268  
Following 6434

**Notebooks Grandmaster**

[Home](#) [Competitions \(49\)](#) [Datasets \(19\)](#) [Code \(189\)](#) [Discussion \(613\)](#) [Followers \(2,268\)](#) [Notifications](#) [Edit Profile](#)

<b>Competitions Master</b> Current Rank <b>6263</b> of 159,199 Highest Rank <b>94</b>	<b>Datasets Expert</b> Current Rank <b>44</b> of 35,417 Highest Rank <b>21</b>	<b>Notebooks Grandmaster</b> Rank <b>2</b> of 163,650	<b>Discussion Expert</b> Current Rank <b>558</b> of 190,474 Highest Rank <b>132</b>
 1  3  2	 2  2  10	 42  3  27	 9  17  204

The highest tier you have achieved in any of the categories of expertise will be displayed on your profile and under your avatar across the site. Tiers are awarded on the basis of medals earned in

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[Learn more.](#)[OK, Got it.](#)

### Novice

You've joined the community.

☐ Register!



## Contributor

You've completed your profile, engaged with the community, and fully explored Kaggle's platform.

- ☐ Run 1 notebook or script
- ☐ Make 1 competition submission
- ☐ Make 1 comment
- ☐ Give 1 upvote



## Expert

You've completed a significant body of work on Kaggle in one or more categories of expertise. Once you've reached the expert tier for a category, you will be entered into the site wide Kaggle Ranking for that category.

Competitions	Datasets	Notebooks	Discussions
<input type="checkbox"/> 2 bronze medals	<input type="checkbox"/> 3 bronze medals	<input type="checkbox"/> 5 bronze medals	<input type="checkbox"/> 50 bronze medals



## Master

You've demonstrated excellence in one or more categories of expertise on Kaggle to reach this prestigious tier. Masters in the Competitions category are eligible for exclusive Master-Only competitions.

Competitions	Datasets	Notebooks	Discussions
<input type="checkbox"/> 1 gold medal <input type="checkbox"/> 2 silver medals	<input type="checkbox"/> 1 gold medal <input type="checkbox"/> 4 silver medals	<input type="checkbox"/> 10 silver medals	<input type="checkbox"/> 50 silver medals <input type="checkbox"/> 200 medals in total



## Grandmaster

You've consistently demonstrated outstanding performance in one or more



categories of expertise on Kaggle to reach this pinnacle tier. You're the best of the best.

Competitions	Datasets	Notebooks	Discussions
🥉 5 gold medals	🥉 5 gold medals	🥉 15 gold medals	🥉 50 gold medals
🥈 Solo gold medal	🥈 5 silver medals		🥈 500 medals in total

## Medals

### To reward your best work

Medals are a standardized way of recognizing and rewarding excellent pieces of work across the categories of expertise on Kaggle. Each medal is awarded for a single accomplishment: a great competition result, a popular notebook, a useful dataset or an insightful comment.



### Competition Medals

Competition medals are awarded for top competition results. The number of medals awarded per competition varies depending on the size of the competition. Note that Community, Playground, and Getting Started competitions typically do not award medals.

	0-99 Teams	100-249 Teams	250-999 Teams	1000+ Teams
🥉 Bronze	Top 40%	Top 40%	Top 100	Top 10%
🥈 Silver	Top 20%	Top 20%	Top 50	Top 5%
🥇 Gold	Top 10%	Top 10	Top 10 + 0.2%*	Top 10 + 0.2%*

\* (Top 10 + 0.2%) means that an extra gold medal will be awarded for every 500 additional teams in the competition. For example, a competition with 500 teams will award gold medals to the top 11 teams and a competition with 5000 teams will award gold medals to the top 20 teams.



### Dataset Medals

Dataset Medals are awarded to popular public datasets published to the site, as measured by number of upvotes. Not all upvotes count towards medals: self-votes and votes by novices are excluded from medal calculation.

🥉 Bronze	5 Votes
🥈 Silver	20 Votes

🥇 Gold 50 Votes



## Notebook Medals

Notebook Medals are awarded to popular notebooks, as measured by the number of upvotes a notebook receives. Not all upvotes count towards medals: self-votes, votes by novices, and votes on old posts are excluded from medal calculation.

🥉 Bronze	5 Votes
🥈 Silver	20 Votes
🥇 Gold	50 Votes



## Discussion Medals

Discussion Medals are awarded to popular topics and comments posted across the site, as measured by net votes (upvotes minus downvotes). Not all upvotes count towards medals: votes by novices and votes on old posts are excluded from medal calculation, and there are additional hidden rules as well, to prevent upvote rings and progression system manipulation.

🥉 Bronze	1 Vote
🥈 Silver	5 Votes
🥇 Gold	10 Votes

## Kaggle Rankings and Points

To show where you stand

## Kaggle Rankings

The Kaggle Rankings page is a live leaderboard of the absolute best data scientists on Kaggle. Each category of expertise has its own leaderboard and point system. A data scientist's profile will display their current rank, as well as the highest rank they have ever achieved for each category. A data scientist must be a expert tier or higher to be ranked for that category.

## Points

While tiers and medals are permanent representations of a data scientist's achievements, points are designed to decay over time. This keeps Kaggle's rankings contemporary and competitive. All points awarded decay in a consistent way using the formula below:

$$e^{-t/500}$$

In this formula,  $t$  is the number of days elapsed since the point was awarded.

## Competitions

Competition points are awarded based on how well a team did in a competition, the number of members on the team, and the number of teams in the competition. Note that Community, Playground, and Getting Started competitions typically do not award points.

The algorithm for competition points has not changed since the 13th of May 2015:

$$\left[ \frac{100000}{\sqrt{N_{\text{teammates}}}} \right] [\text{Rank}^{-0.75}] [\log_{10}(1 + \log_{10}(N_{\text{teams}}))] \left[ e^{-t/500} \right],$$

## Datasets

Dataset points are awarded based on the popularity of all public datasets a Kaggle user has created. Each upvote on a dataset is initially worth 1 point, and decays based on the day the vote was cast.

## Notebooks

Notebook points are awarded based on the popularity of all public notebooks a data scientist has created. Each upvote on a notebook is initially worth 1 point, and decays based on the day the vote was cast.

## Discussion

Discussion points are calculated as the sum of total upvotes minus the sum of total downvotes cast on a data scientist's topics and comments on Kaggle. Decay is applied to both upvotes and downvotes based on the day the votes were cast.

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