

Steam games played: May in 2022

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Introduction

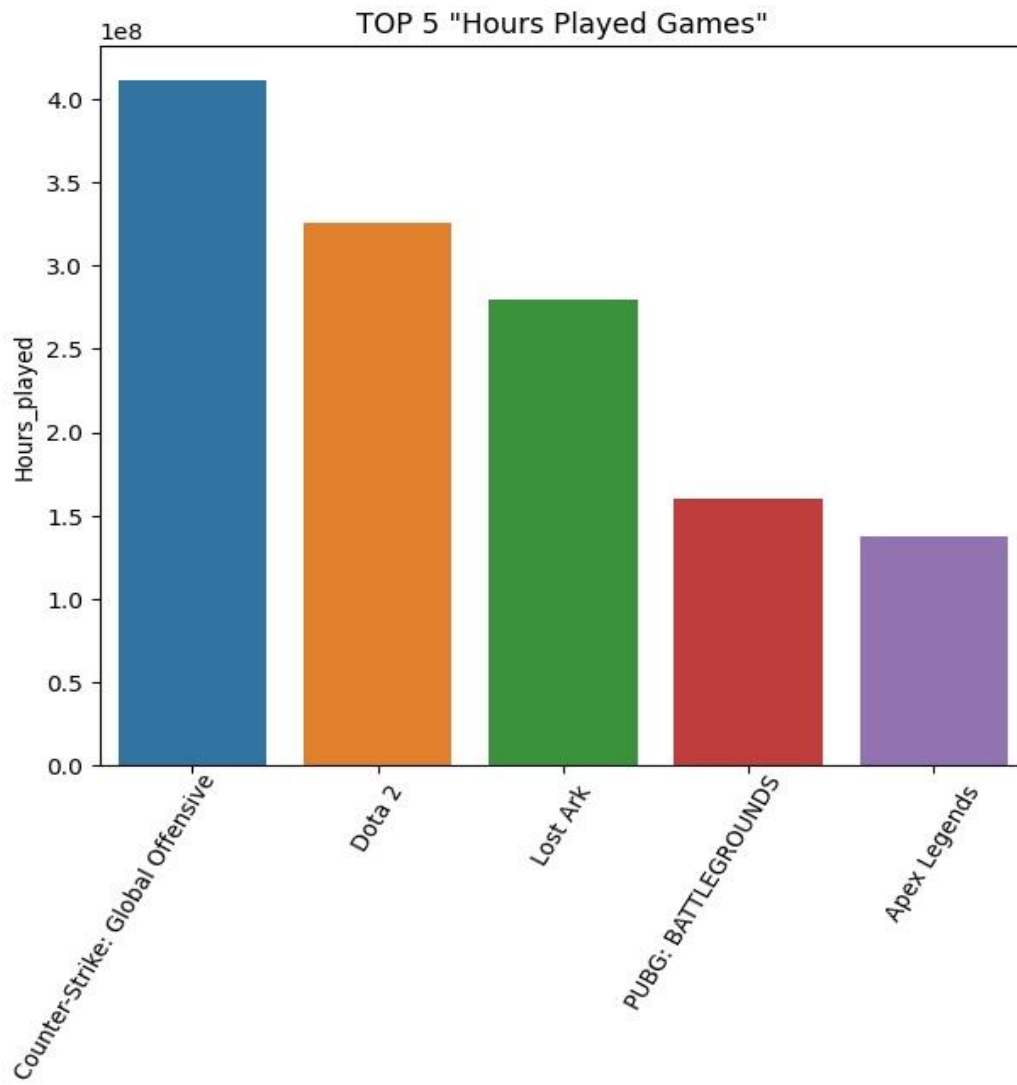
This analysis focuses on the gaming time on Steam. Which is a gaming distribution service that provides games and was created by Valve. The company Valve is not only distributing games but also making some of them. Some of the famous games that they made are Counter-strike: Global Offensive, Dota 2 and Team Fortress 2 are both renowned games that were made by them. (Valve, n.d)

Steam itself is one of the majorly used platforms for gaming. According to Dean (2021), the steam platform is used by 120 million active users that use it monthly at least. Not to mention having 50 and more thousand games. That is being actively played.

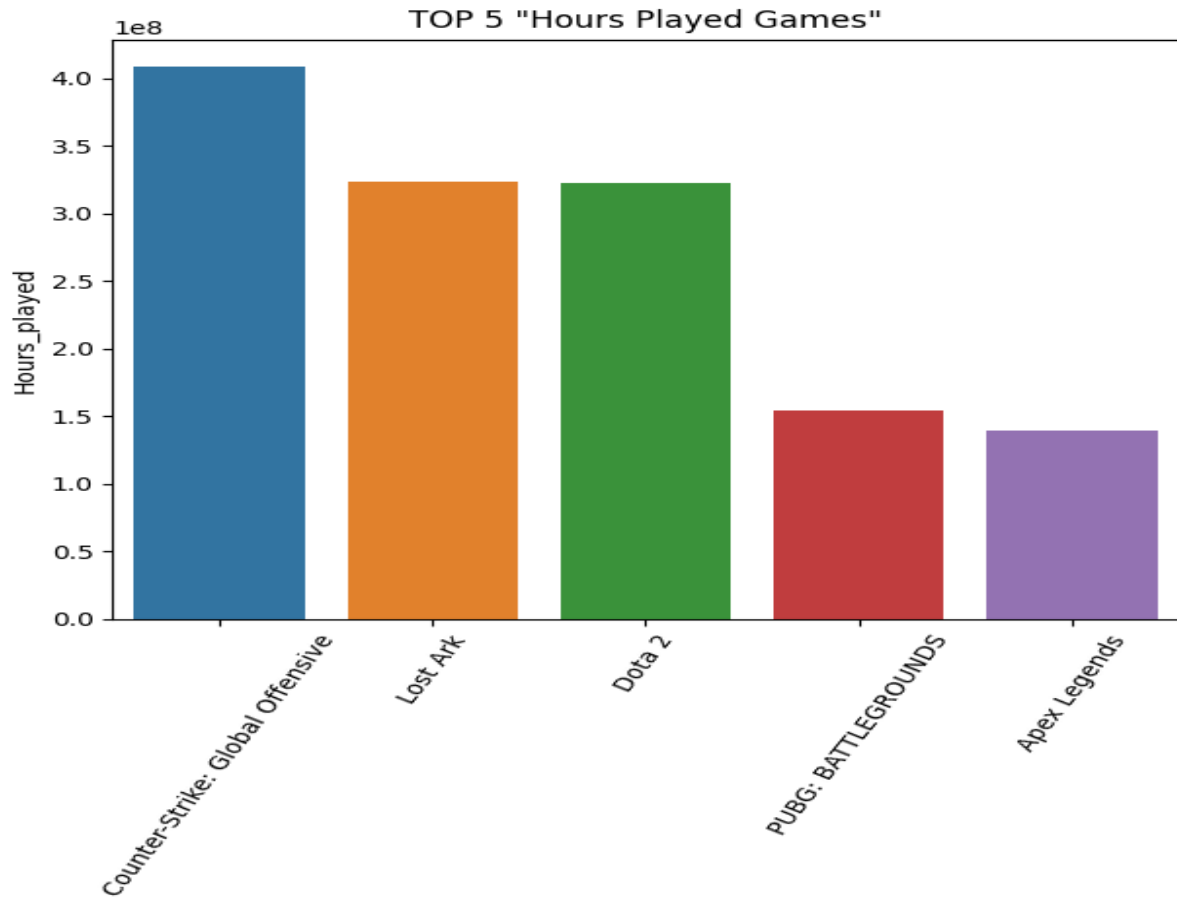
This analysis mainly focuses on hours/time played. Specifically, the games that were played. There were many games, but this paper focuses only on the top five and bottom five games through 6-19 May 2022. The main point would be the focus on hours played in the game, Peak no of players, and Current players. To clarify Peak no of players means the peak of players that were playing at a specific moment.

Top games

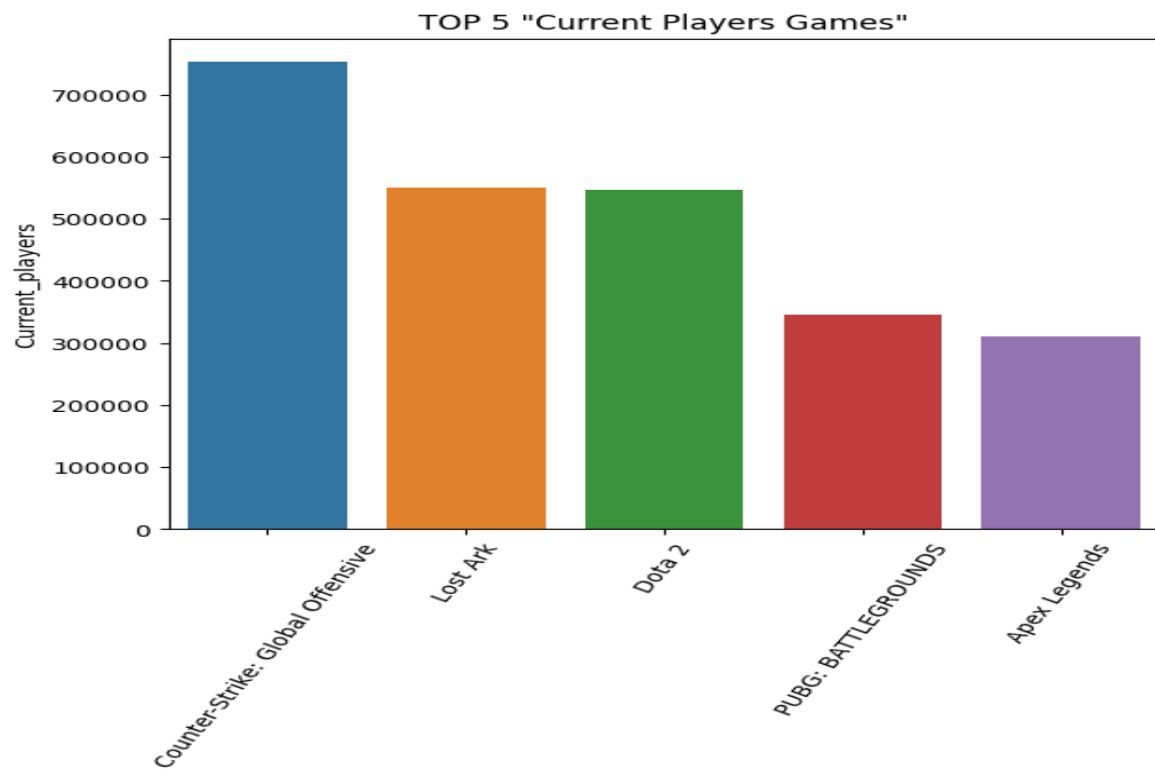
1.1 Graph Top 5 Hours played games general



1.2 Graph Top 5 Hours played games on May 18



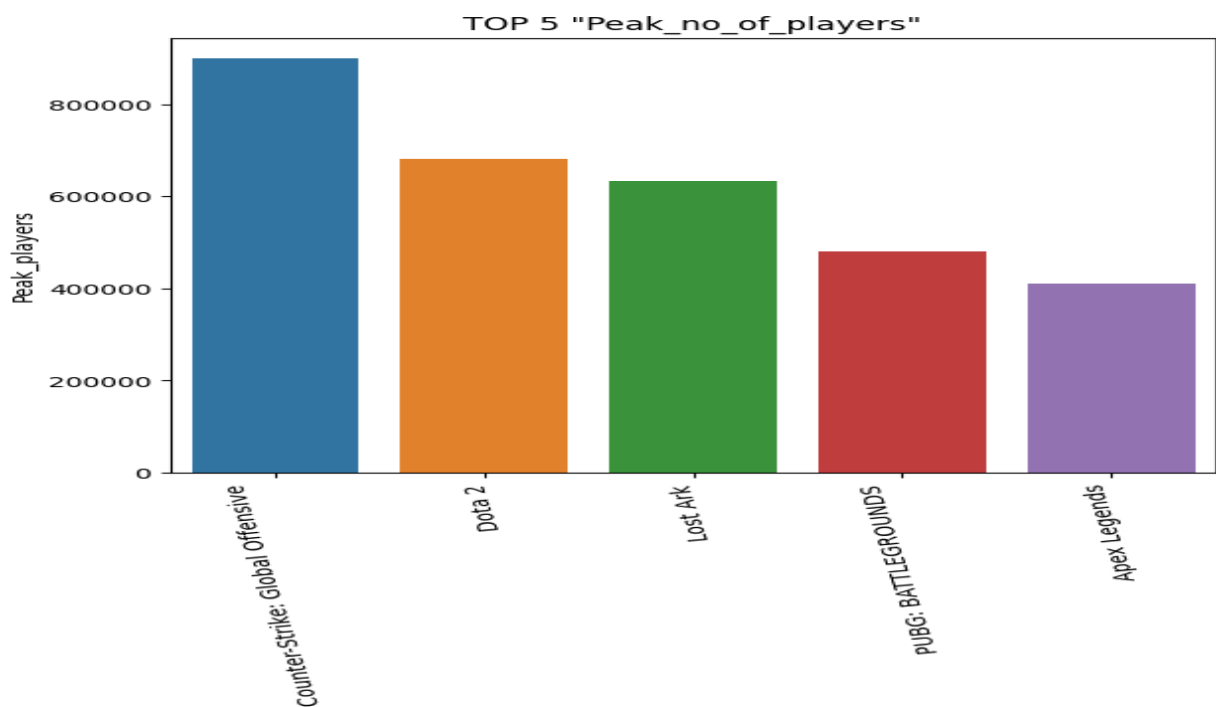
1.3 Graph Top 5 Hours played games on May 19



Let's start with an hour of played games in the first graph 1.1 between the 6-17 of May. The only difference that can be seen with the top hours played is on the 18 of May. As can be seen in graph 1.2 Lost Ark and Dota 2 switch places on the chart. This means Dota 2 moved to third place and Lost Ark moved to second place. However, in 19 of May on graph 1.3, the third place now is PUBG: Battlegrounds the fourth is Apex Legends, and the last one is Lost, Ark.

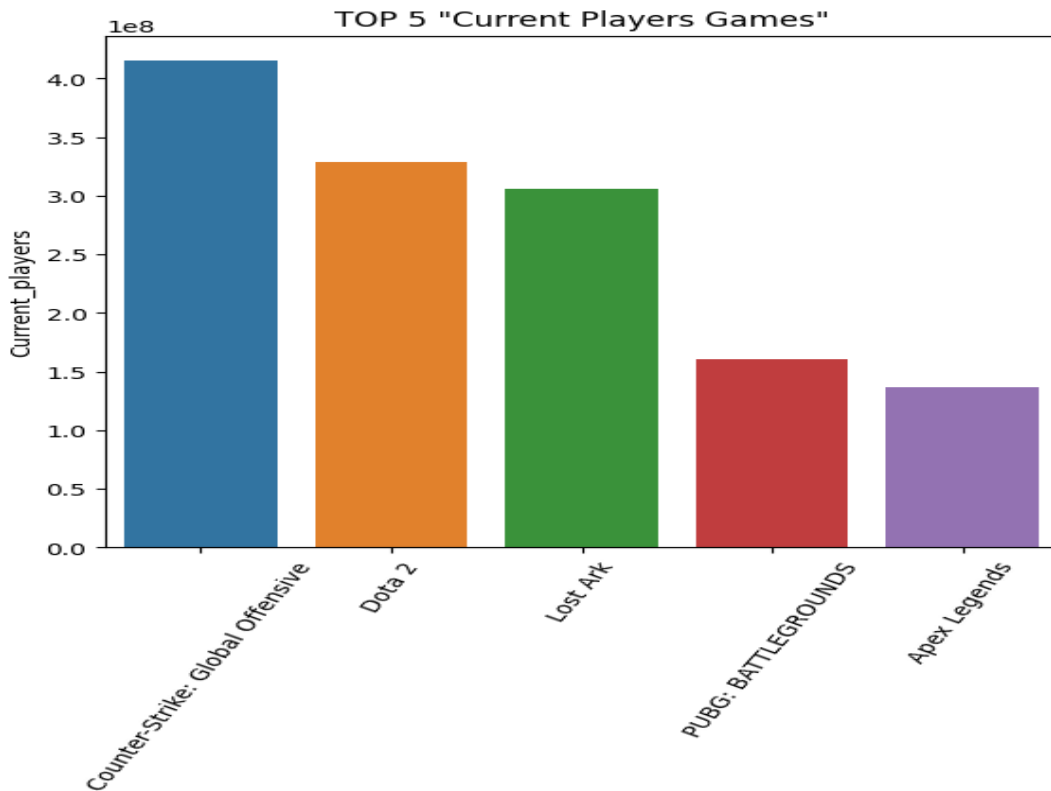
What are the genres of those games? All the games are in a category of online multiplayer games in some form or another. Except for Lost ark which is of course multiplayer but also with PVP and PVE aspects. What does PVE mean? It means that players in-game are fighting monsters that are usually in-game-made. On the other hand, PVP is when players fight each other be so in the battle arena or in any game location. What makes Lost Ark different from others in the PVE aspect? Since it does play quite a significant role in the game itself. Compare to other games in this tier. It almost consists of fighting and shooting other players without any mobs (mobs stand-in games for the living creatures or people in the games that are not real). Even if other games have them they do not take any significant amount of gameplay, in comparison to Lost ark. All of them are free to play as well. Another important aspect is that those games are battle types of games where you have competition with others. That is why it would make sense for them to be played the most due to them being online multiplayer and what has significant importance is that it is free to play. Even if there is an in-game currency that could be bought with real money. The in-game currency is used for skins or characters or Lootboxes. Lootboxes are especially important and relevant in many games especially free-to-play. What are the Lootboxes some may ask? It is usually an in-game container you can randomly get for free or when playing. That would give you in-game customizable content. The main part of which is skins. The skins are usually the thing that would help players to change the appearance of the character that they play or some weapon. Some of the skins would be bought in-game stores but others could be rare and only could be obtained in Lootboxes.

2.1 Graph Top 5 Peak no of players general

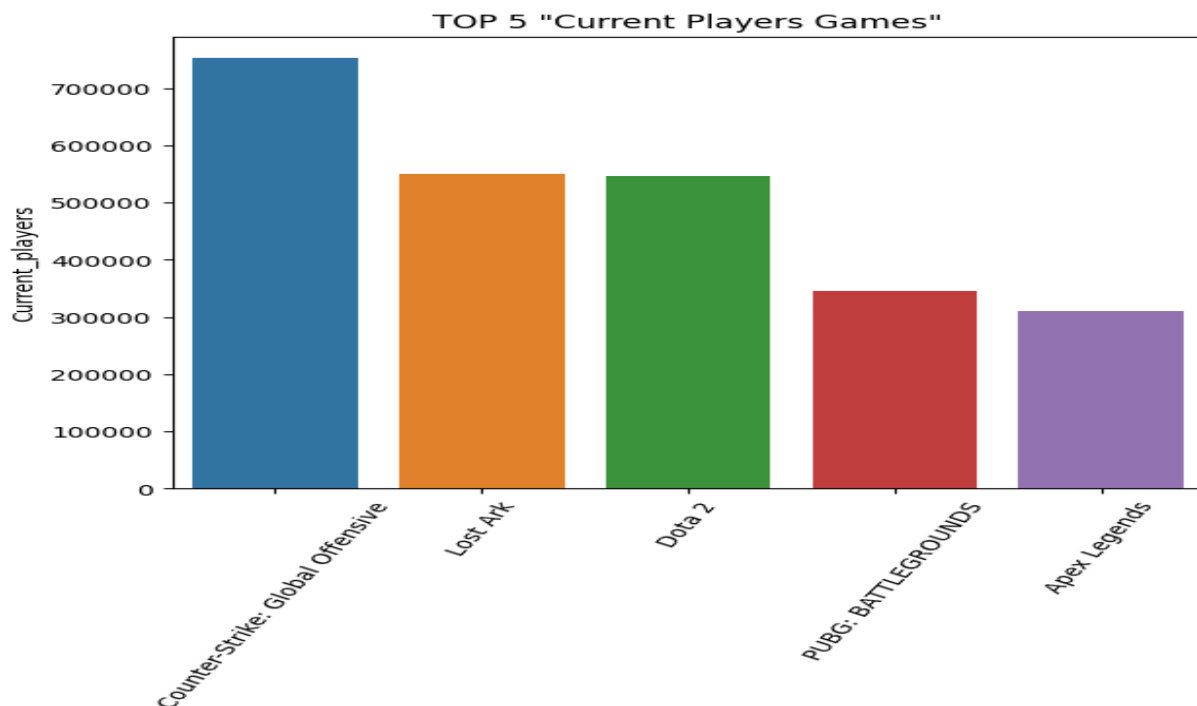


As for Peak no of players top 5 tier the games in there are the same as it would be observed in the top 5 hours played on graph 2.1. Which does make sense. Since as mentioned before the games are free to play and have multiplayer aspects which allow players to spend time with friends. Also all the days it was checked the tier list never changed from May 6 to 18th,

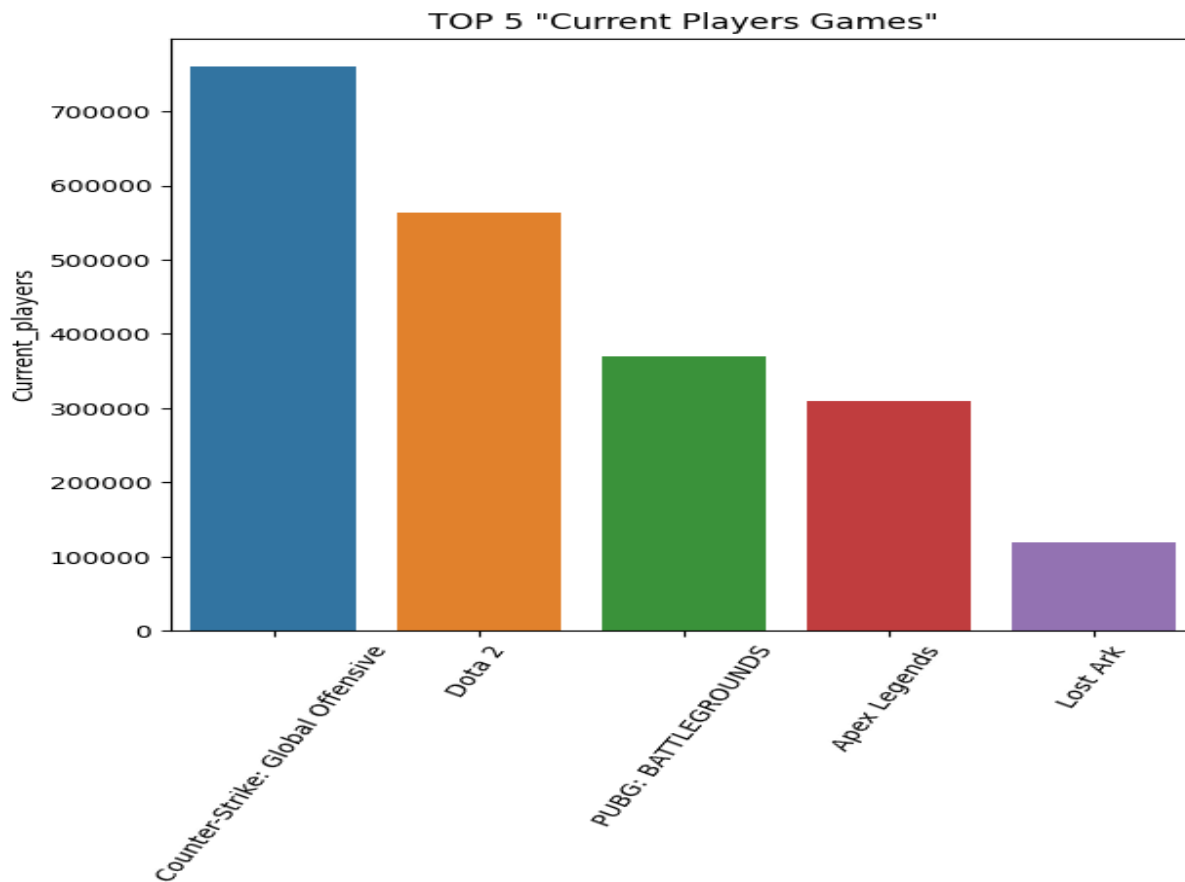
3.1 Graph Top 5 Current players general



3.2 Graph Top 5 Current players on May 18



3.3 Graph Top 5 Current players on May 19



The last part of the top-tier games is the current player games. From the first observation, it can be seen that current player games and hour-played games do have the same top-tier games and thus would have the same exaltation as it was in the first part,

1 Table Correlation model of all columns

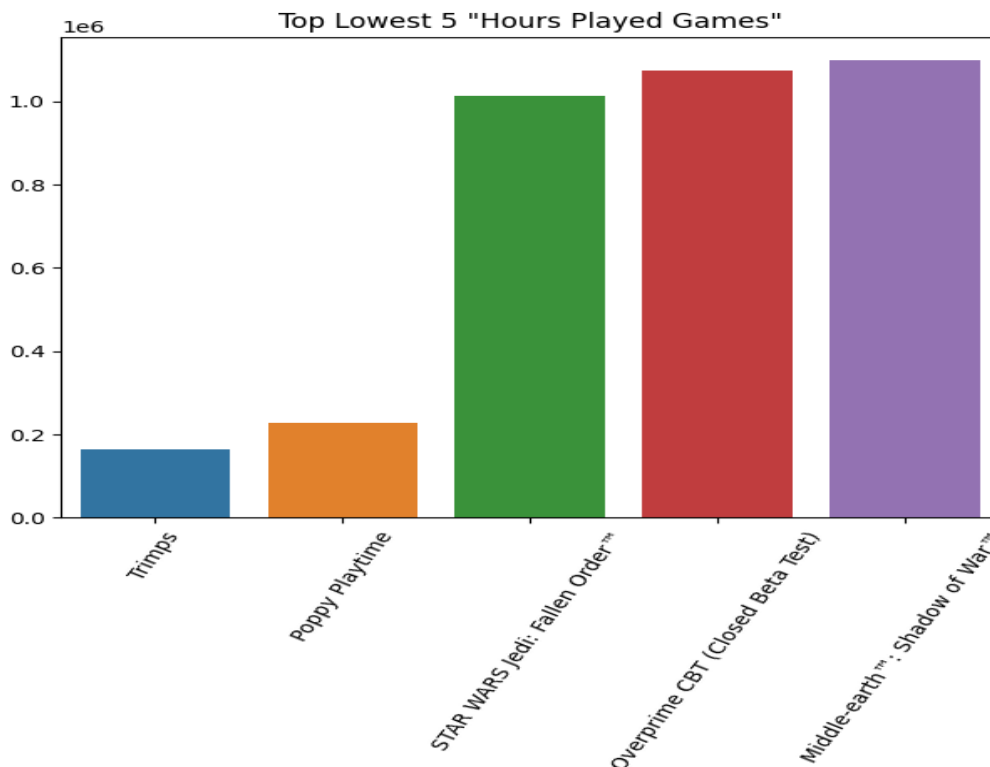
	Current_players	Peak_players	Hours_played
Current_players	1.000000	0.989394	0.988466
Peak_players	0.989394	1.000000	0.984874
Hours_played	0.988466	0.984874	1.000000

Additionally, let us look at the correlation between all variables. This correlation is for 18 of May. As can be seen, there is a correlation and it is quite strong for all the columns. Implying that the top games in the columns are usually similar. So it is correlated with previous findings.

Bottom games

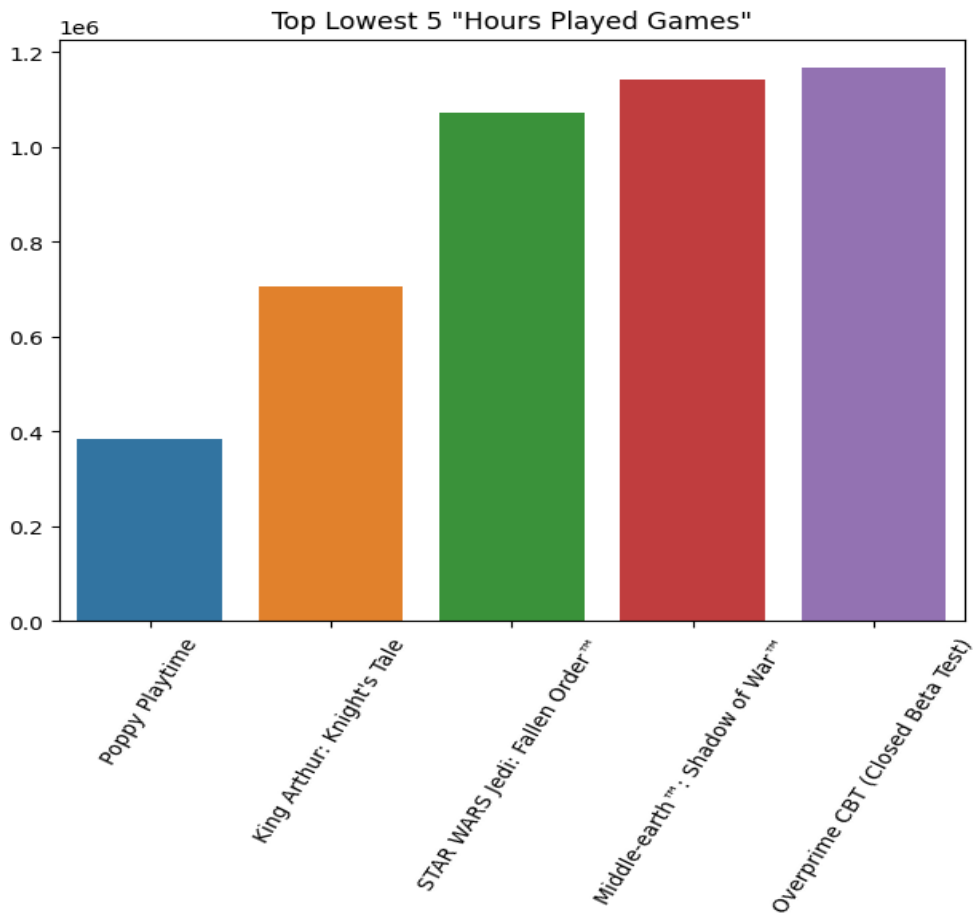
The bottom of tier 5 is considerably more unstable and complicated in comparison to the previous part.

4.1 Graph Top lower 5 hours played Games general



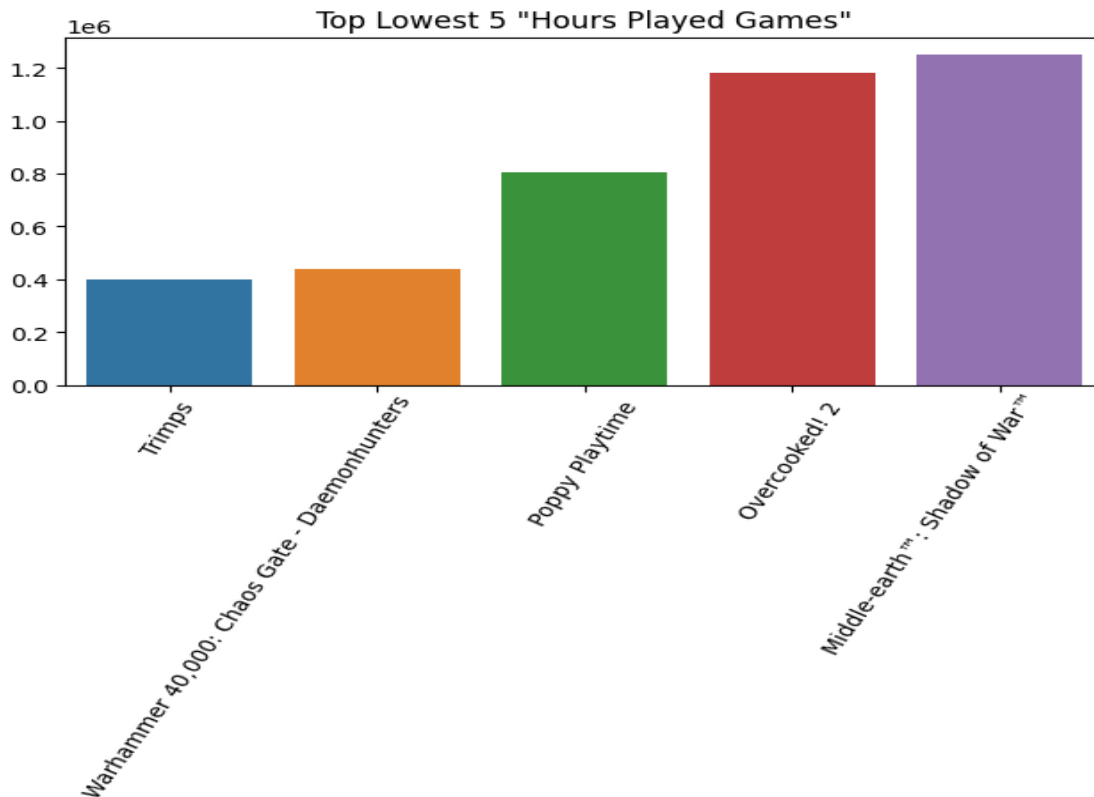
Let's start with the hours played which is 6 of May on graph 4.1. a significant portion of the games here are games that are usually played alone and do not have multiplayer. Those games are traditionally exploring large locations. Except for the Trimps and Overprime CBT (Closed Beta Test). The Trimps is a single-player game as well. However, there is no exploration here. It is purely about numbers and is about strategy. It is also a free-to-play and text base type of game. Thus may not require a great deal of time as multiplayer games. As for Overprime CBT (Closed Beta Test) is a PVP and PvE game that should be to some extent higher. However, it is in beta test meaning, that it is not open for everyone to play. Only for a selected few.

4.2 Graph Top lower 5 Hours played games 7 of May



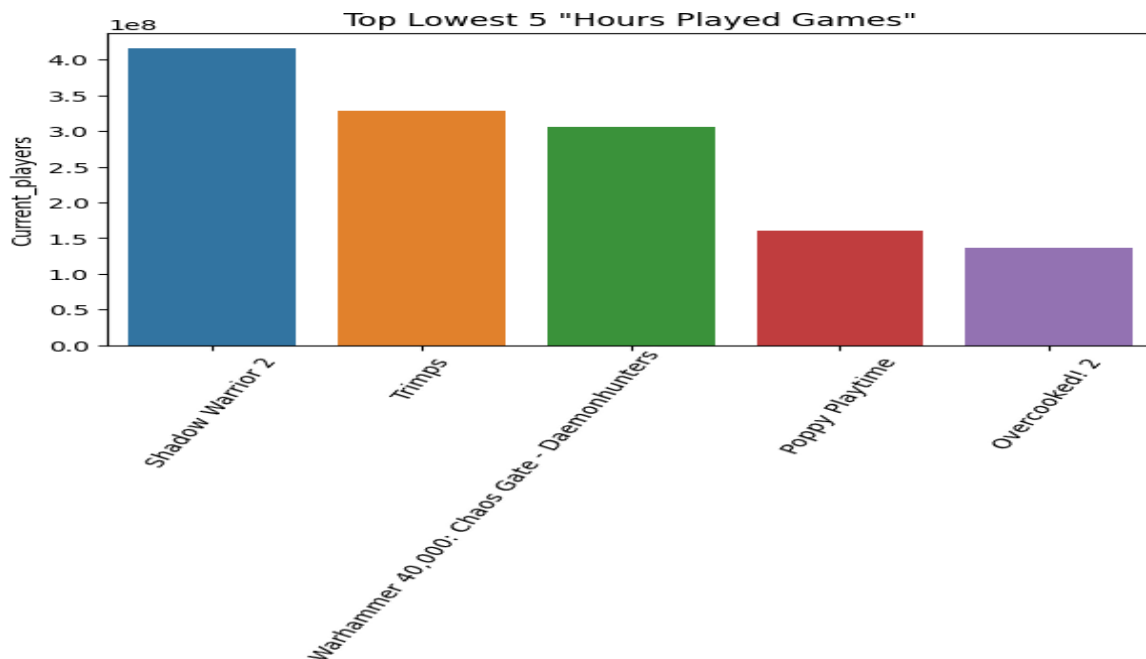
On graph 4.2 which is on the 7 of May tier changed. There is a new addition to the chart and that is King Arthur: Knight's Tale. This game is a tactical RPG that does have a PVP aspect to it. But as can be seen with top-tier games before. A significant portion of them does require a strategy to some extent, however, not to the amount it is here. This game requires strategy and is one of the genres of this game.

4.3 Graph Top lower 5 Hours played games 9 of May



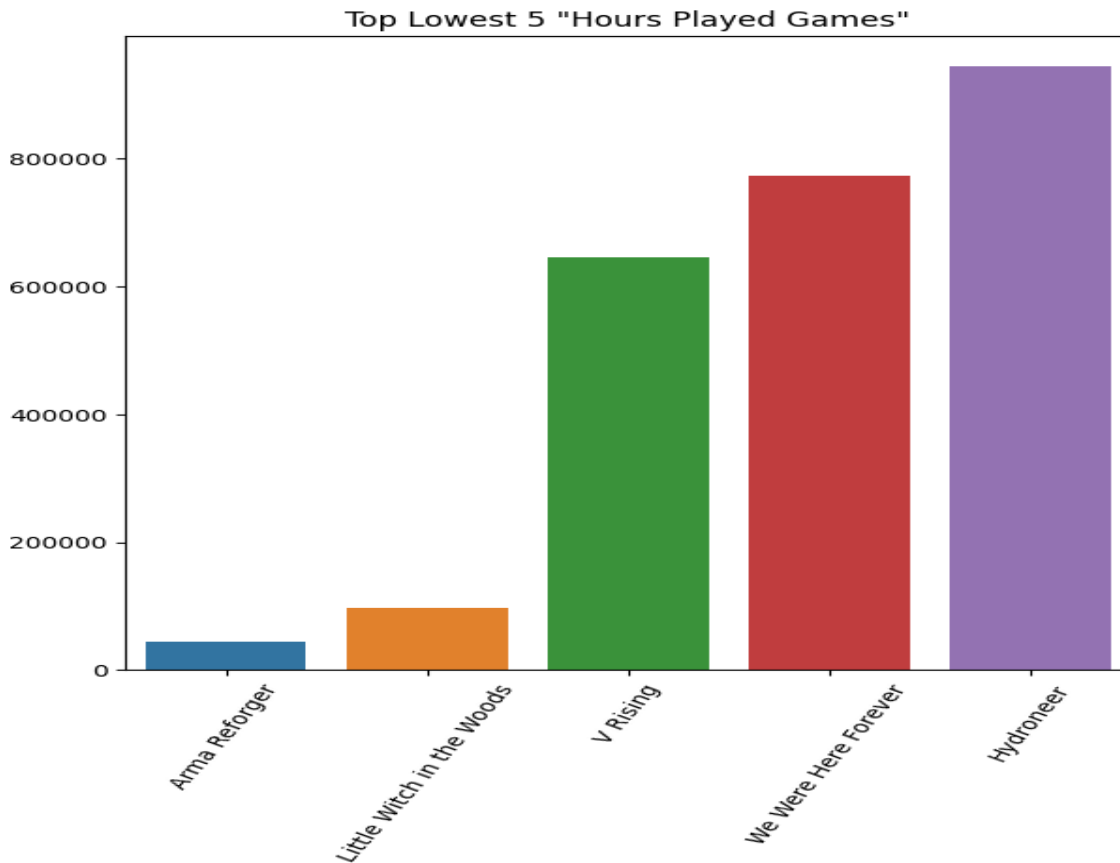
Graph 4.3 is 9 of May and Trimps are back on top. However, there is two new addition and those are Warhammer 40,00: Chaos Gate – Daemonhunters and Overcooked! 2. As it can be observed Warhammer 40,00: Chaos Gate – Daemonhunter is a turn-based and thus a strategy mainly game. As for Overcooked! 2 it is mainly PVP and playing with other games. But compared to the top-tier games this one is significantly friendlier than a game like Apex legends. Plus may not have the same playability as the shooter or fighting games can for steam users.

4.4 Graph Top lower 5 Hours played hames 10 of May



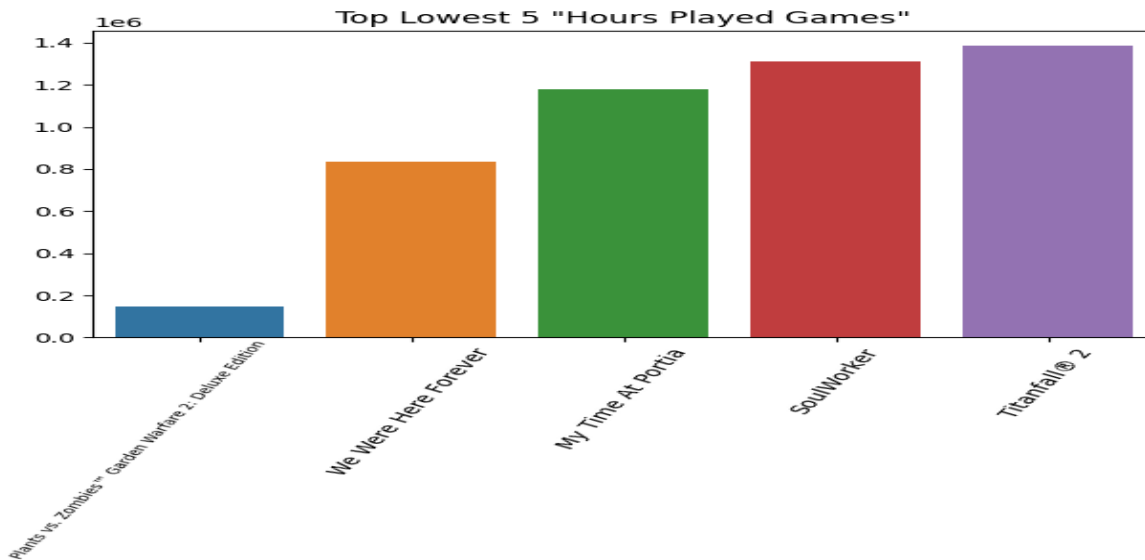
Graph 4.4 on 10 of May the Shadow Warrior 2 is mainly about a single-player game with PVP and multiplayer.

4.5 Graph Top lower 5 Hours played games 18 of May



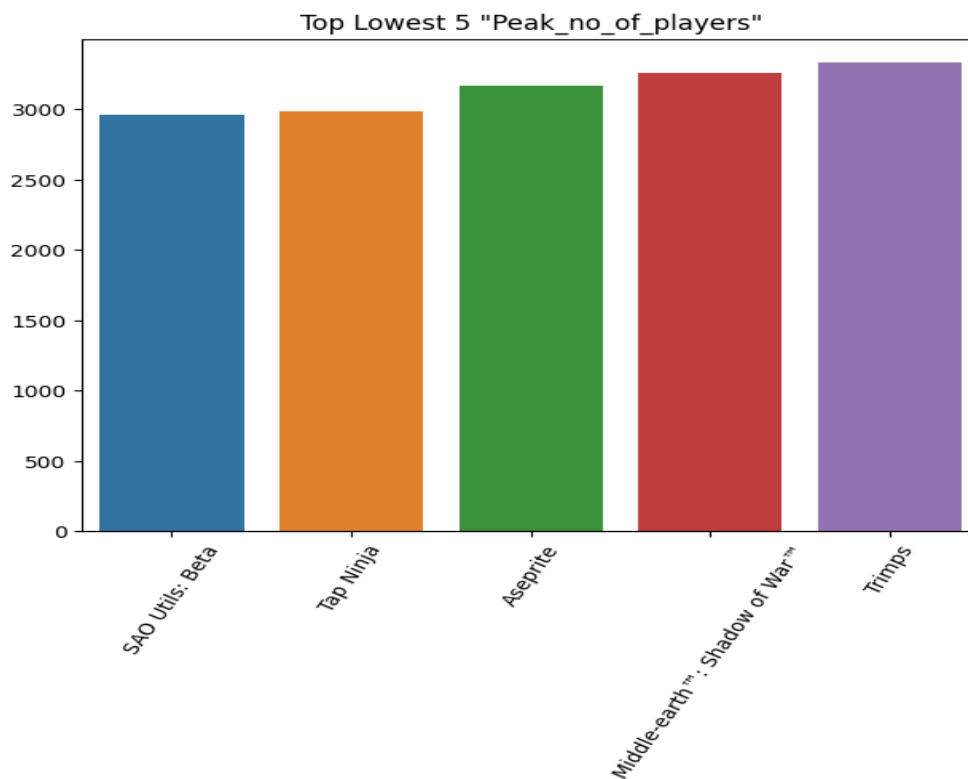
On graph 4.5 of 18 May, the game changed quite a bit. Games here are mainly new games that only recently have been released in May and thus may move later. For the most part, games are PVP games. Some of them for example We Were Here forever are puzzle games and Hydroneer which is a simulator (meaning simulating something). The only game that is not PVP is Witch in the Woods. It is offline (meaning no multiplayer game).

4.6 Graph Top lower 5 Hours played games 19 of May



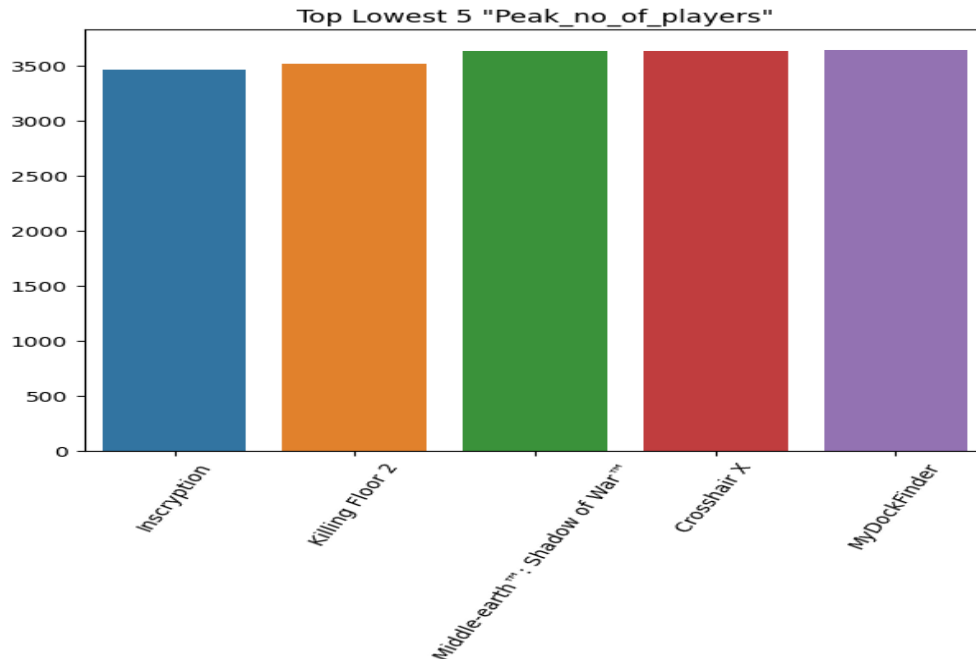
On graph 4.6 on 19 of May, there are mostly different games once again. The Plants vs. Zombies Garden Warfare 2: Deluxe Edition was a recently released game that may move up with time. But it is a PVP mainly game. As for My Time At Portia game is a single-player game. However, the SoulWorker and Titanfall 2 are both PVP and have multiplier aspects to them.

5.1 Graph Top lower 5 Peak no of players 6 of May



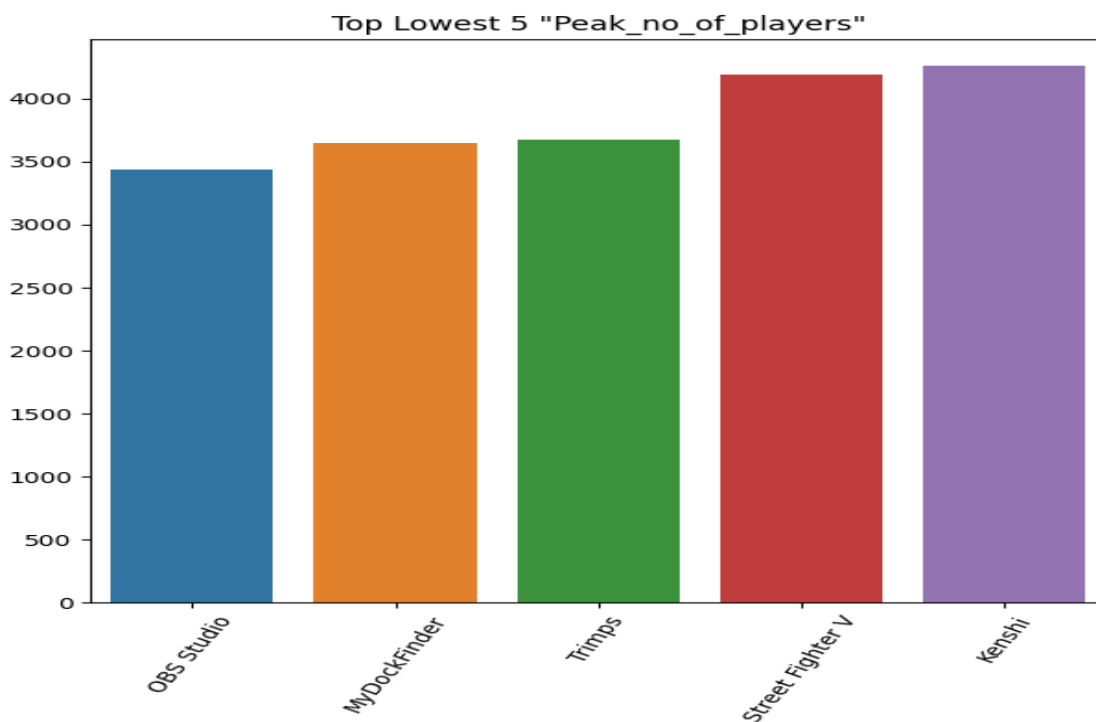
On graph 5.1 on the 6 of May, the tier is different as well. The Tap Ninja is a single-player clicking game. As for SAO Ulits: Beta and Aseprite. Are both not games but programs.

5.2 Graph Top lower 5 Peak no of players 7 of May



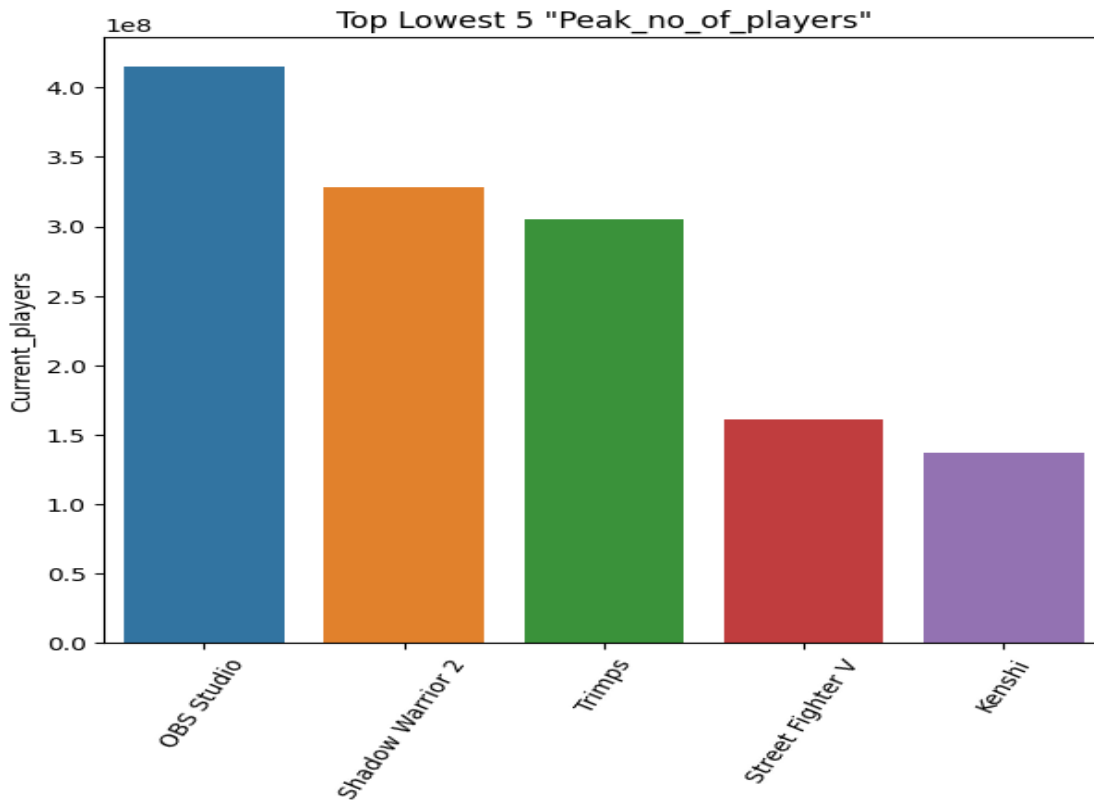
Graph 5.2 of 7 of May mainly consists of either programs or single-player games. Like Crosshair X and My, DockFinder is a program and not a game. As o Inscryption is a single-player, but Killing Floor 2 is a single-player with some PVP aspects to it.

5.3 Graph Top lower 5 Peak no of players 9 of May



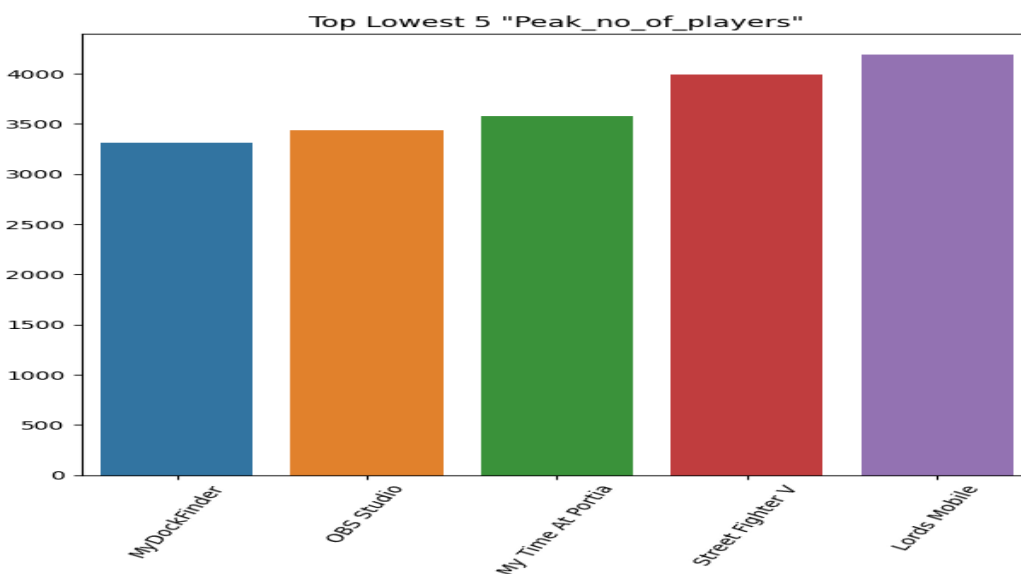
Graph 5.3 on 9 May once again it can be seen that there are two programs. Like OBS Studio and as was mentioned before MyDockFinder. Others are games for a significant portion are single-player games. Only Street Fighter V has some multiplayer aspects to the game. However, they are not significant.

5.4 Graph Top lower 5 Peak no of players 10 of May



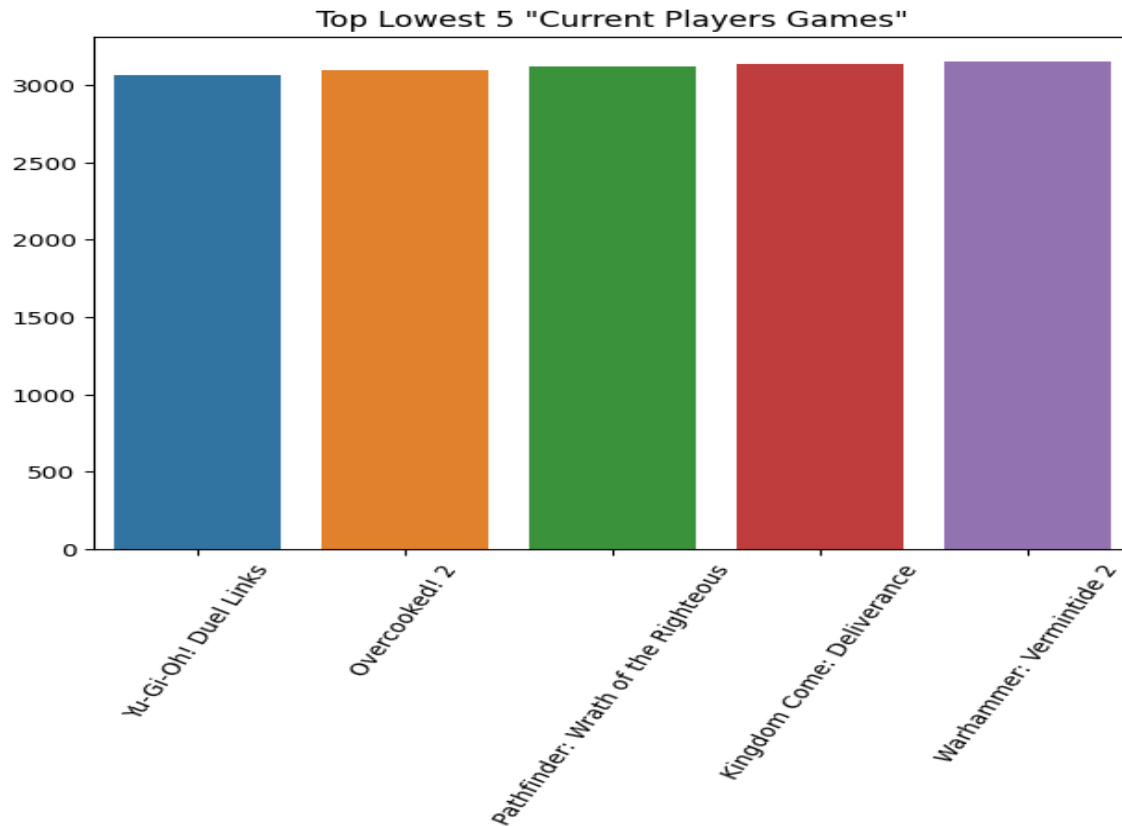
Graph 5.4 on the 10 of May tier did change however there are no different games or new games.

5.5 Graph Top lower 5 Peak no of players 18 of May



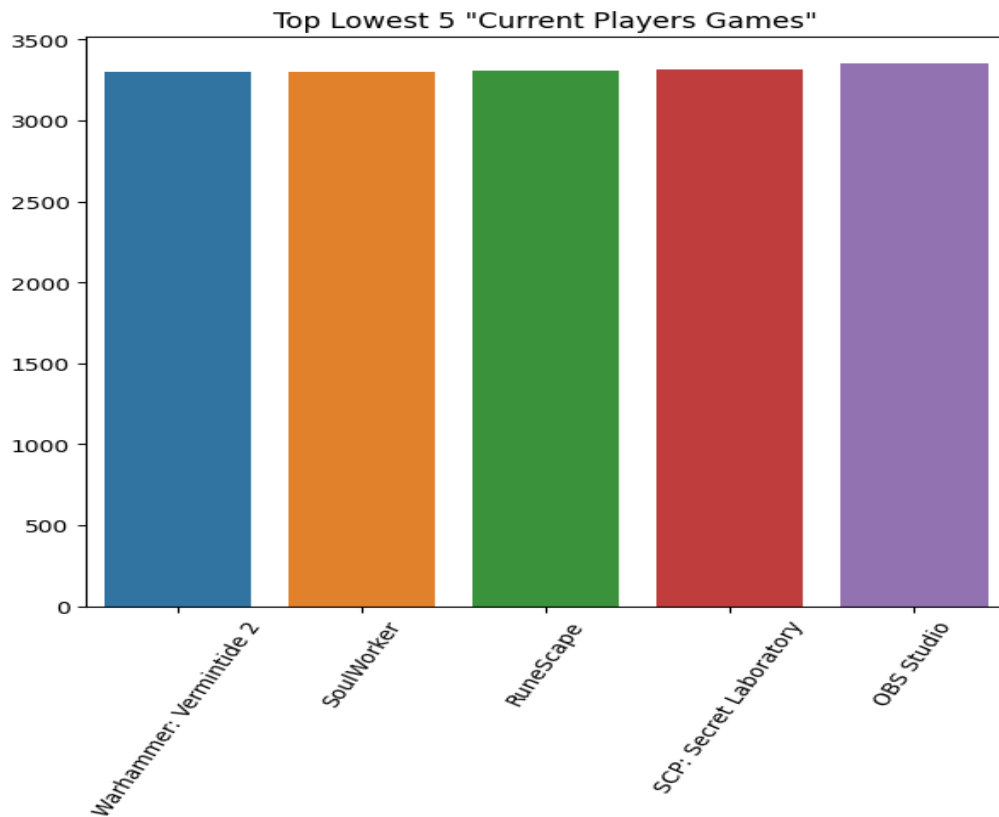
Graph 5.5 on 18 May there are some new addition and tier placement changes. The Lords Mobile is mainly multiplayer with PVP in mind. It is, however, a mobile mainly game and thus it is understandable that it would mainly be played on mobile.

6.1 Graph Top lower 5 Current players 6 of May



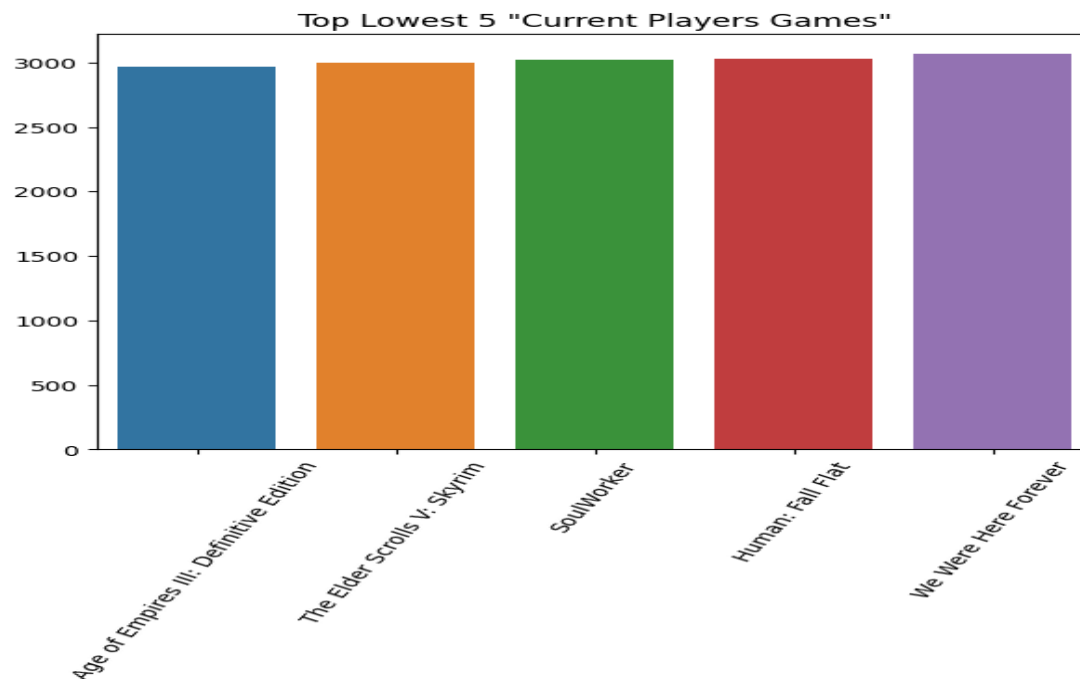
Now Current players' graphs tiers are observed and let's start with graph 6.1 on the 9 of May. The majority of the games here are single-player games except some of them have multiplayer aspects to them. Like Yu-Gi-Oh! Duel Links, Overcooked! 2, and Warhammer: Vermintide 2 all of them have multiplayer aspect to them or PVP.

6.2 Graph Top lower 5 Current players 10 of May



Graph 5.2 on 10 of May there can see familiar names with some new additions. The RunScape and SCP: Secret Laboratory is both new additions. Both games are multiplayer and PVP games. The RunScape is classic and is mainly about fantasy type of game. On the other hand SCP: Secret Laboratory is mainly PVP but not standard and thus may not be played as much as others.

6.4 Graph Top lower 5 Current players 19 of May



Graph 6.4 on 19 of May can be observed many new additions to the tier. All three new additions to the tier are different from the others. The Age OF Empire II: Definitive Edition is a strategy with PVP aspects to it. The Elder Scrolls V: Skyrim is a completely single-player game it is also quite old and thus may have been played before on other platforms. The Human: Fall Flat on the other hand is a complete multiplayer game with PVP aspects to it. The lower tier placement is due to the game being mainly for friends to play,

Analysis

After going through all the tiers. It can be seen that there is evidence of a pattern to tiers. The top tier games as far as it can be seen are free-to-play, multiplayer games that either have elements of shooter or fighting to them. It is consistent on all the top 5 tiers. For the top tier, it is consistent on all fronts.

As for the bottom tiers, the story is quite different. It is not consistent through time or type of tiers. The different tiers have different games on them with some games popping up and out of them. There is however was observe some sort of consistency with the type of games. For starters, there are some actual programs that are not games. Some games on a consistent basis were either some sort of strategy base games or offline games without multipliers or having only minimal of it. Some of the games were also quite old or classic games that could have been contained or bought a long time ago before steam even existed. Some games are also not exclusive to the computer and steam. Thus may be played and bought on a different platform. It is also important to mention that new releases with closed beta-tested games could end up there as well. There were also some games that in theory should have been on top since they are either multiplayer, free-to-play, or shooter. However, they were not. Also, games for friends (non-violent type) to play together games are not played as often as others.

Conclusion

Several conclusions could be stated from the analysis. That most played games are usually consistent with all the tiers. All of them are free to play with multiplier elements. The bottom tier, on the other hand, is changing all the time, and even if having some consistency there were always some exceptions. The important aspect is that usually the top-tier games are similar in type and are more action-based games.

Those findings are quite interesting and can show what people want to spend their time on. The games that are played the most and games that are played the least are different from each other. Still, there is a pattern to them, especially in the top-tier games. The bottom tier may vary but, does have some consistency to it.

References

Dean, B. (2021). Steam Usage and Catalog Stats for 2022. BackLinko.
<https://backlinko.com/steam-users>

Valve. (n.d). At Valve we make games, Steam, and Hardware. Valve.
<https://www.valvesoftware.com/en/about>