

Avatar Report: Learned Archetypes, Bombs, and Synergies

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Dataset Snapshot

This run uses 127,199 unique deck builds and 562,924 game rows. The unsupervised clustering stage produced 8 learned archetypes. The best-performing large shells are White Base Humans | Kyoshi Warriors / Avatar Enthusiasts, Izzet | Dragonfly Swarm / Firebending Lesson, Boros Humans | Treetop Freedom Fighters / Deserter's Disciple, which already tells us that the format is not a single monolithic color table: it separates into distinct deck families with their own signposts, core cards, and build-around incentives.

1 Discovered Archetypes

Archetype	Decks	Games	WR	Top signposts
White Base Humans Kyoshi Warriors / Avatar Enthusiasts	17,235	79,848	57.76%	Kyoshi Warriors, Avatar Enthusiasts, Jeong Jeong's Deserters, Water Tribe Captain, Compassionate Healer
Izzet Dragonfly Swarm / Firebending Lesson	15,171	66,095	56.65%	Dragonfly Swarm, Firebending Lesson, Abandon Attachments, Lost Days, Octopus Form
Boros Humans Treetop Freedom Fighters / Deserter's Disciple	10,619	47,879	56.64%	Treetop Freedom Fighters, Deserter's Disciple, Sun Warriors, Yuyan Archers, How to Start a Riot
Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	14,648	65,692	56.61%	Foggy Swamp Spirit Keeper, Messenger Hawk, Sold Out, Forecasting Fortune Teller, Corrupt Court Official
Azorius Humans First-Time Flyer / Forecasting Fortune Teller	17,697	80,666	56.41%	First-Time Flyer, Forecasting Fortune Teller, Watery Grasp, Lost Days, Octopus Form
Green Base Humans Raucous Audience / Ostrich-Horse	28,158	120,066	54.98%	Raucous Audience, Ostrich-Horse, Rocky Rebuke, Badgermole, Walltop Sentries

Archetype	Decks	Games	WR	Top signposts
Black Base Humans Deadly Precision / Corrupt Court Official	14,881	65,444	54.71%	Deadly Precision, Corrupt Court Official, Callous Inspector, Merchant of Many Hats, Sold Out
Rakdos Humans Vindictive Warden / Yuyan Archers	8,790	37,234	53.99%	Vindictive Warden, Yuyan Archers, Fire Nation Cadets, Lightning Strike, Firebending Lesson

2 What Defines the Best Shells

White Base Humans | Kyoshi Warriors / Avatar Enthusiasts

This cluster contains 17,235 decks across 79,848 games and posts a baseline win rate of 57.76%. Its defining cards are **Kyoshi Warriors**, **Avatar Enthusiasts**, **Jeong Jeong's Deserters**, **Water Tribe Captain**, **Compassionate Healer**, **Glider Kids**.

The strongest positive links in the shell are **Aang**, **Swift Savior + Aang**, the **Last Airbender**, **Glider Kids + The Legend of Yangchen**, **Earth Kingdom Jailer + Water Tribe Rallier**. The build-around detector flags **Avatar Enthusiasts**, **Compassionate Healer**, **Wandering Musicians** as true support-dependent payoffs, while the shell-dependence score describes the broader class of cards that rely heavily on the surrounding shell.

Izzet | Dragonfly Swarm / Firebending Lesson

This cluster contains 15,171 decks across 66,095 games and posts a baseline win rate of 56.65%. Its defining cards are **Dragonfly Swarm**, **Firebending Lesson**, **Abandon Attachments**, **Lost Days**, **Octopus Form**, **It'll Quench Ya!**.

The strongest positive links in the shell are **Accumulate Wisdom + Dragonfly Swarm**, **Iroh's Demonstration + Ran and Shaw**, **Ran and Shaw + Yuyan Archers**. The build-around detector flags **Professor Zei**, **Anthropologist**, **Abandon Attachments**, **Serpent of the Pass** as true support-dependent payoffs, while the shell-dependence score describes the broader class of cards that rely heavily on the surrounding shell.

Boros Humans | Treetop Freedom Fighters / Deserter's Disciple

This cluster contains 10,619 decks across 47,879 games and posts a baseline win rate of 56.64%. Its defining cards are **Treetop Freedom Fighters**, **Deserter's Disciple**, **Sun Warriors**, **Yuyan Archers**, **How to Start a Riot**, **Lightning Strike**.

The strongest positive links in the shell are **Firebending Lesson + The Legend of Roku**, **Suki**, **Courageous Rescuer + Water Tribe Captain**, **The Legend of Yangchen + Water Tribe Captain**. The build-around detector flags **Deserter's Disciple**, **Fire Nation Cadets** as true support-dependent payoffs, while the shell-dependence score describes the broader class of cards that rely heavily on the surrounding shell.

Dimir Humans | Foggy Swamp Spirit Keeper / Messenger Hawk

This cluster contains 14,648 decks across 65,692 games and posts a baseline win rate of 56.61%. Its defining cards are Foggy Swamp Spirit Keeper, Messenger Hawk, Sold Out, Forecasting Fortune Teller, Corrupt Court Official, Deadly Precision.

The strongest positive links in the shell are Canyon Crawler + Lost Days, Swampsnare Trap + Watery Grasp, Canyon Crawler + Hama, the Bloodbender. The build-around detector flags Otter-Penguin, Azula Always Lies as true support-dependent payoffs, while the shell-dependence score describes the broader class of cards that rely heavily on the surrounding shell.

3 Bombs: Cards That Are Good Alone

Card	Best cluster	Standalone lift	Drawn-game WR	Games
Cityscape Leveler	Green Base Humans Raucous Audience / Ostrich-Horse	15.09 pp	70.07%	137
The Legend of Yangchen	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	14.79 pp	71.43%	756
The Rise of Sozin	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	14.04 pp	70.65%	1952
The Fire Nation Drill	Black Base Humans Deadly Precision / Corrupt Court Official	13.05 pp	67.76%	3167
Wan Shi Tong, Librarian	Green Base Humans Raucous Audience / Ostrich-Horse	12.31 pp	67.29%	1012
Razor Rings	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	11.69 pp	68.29%	164
Bumi, Unleashed	Green Base Humans Raucous Audience / Ostrich-Horse	10.71 pp	65.69%	2888
Aang, Swift Savior	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	10.63 pp	67.04%	4196
Koh, the Face Stealer	Rakdos Humans Vindictive Warden / Yuyan Archers	10.28 pp	64.27%	529
Raven Eagle	Black Base Humans Deadly Precision / Corrupt Court Official	10.11 pp	64.82%	2746

Card	Best cluster	Standalone lift	Drawn-game WR	Games
United Front	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	9.89 pp	67.65%	1465
Azula, Cunning Usurper	Black Base Humans Deadly Precision / Corrupt Court Official	9.65 pp	64.36%	1723

4 Build-Arounds and Shell Dependence

Card	Best cluster	Shell dependence	Support delta	Supported games
Avatar Enthusiasts	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	10.0 / 10	3.42 pp	10929
Compassionate Healer	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	10.0 / 10	3.64 pp	12442
Professor Zei, Anthropologist	Izzet Dragonfly Swarm / Firebending Lesson	10.0 / 10	15.61 pp	5824
First-Time Flyer	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	10.0 / 10	7.74 pp	13825
Deserter's Disciple	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	10.0 / 10	2.03 pp	6502
Waterbending Lesson	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	10.0 / 10	12.10 pp	9904
Saber-Tooth Moose-Lion	Green Base Humans Raucous Audience / Ostrich-Horse	10.0 / 10	7.96 pp	9083
Cycle of Renewal	Green Base Humans Raucous Audience / Ostrich-Horse	10.0 / 10	6.90 pp	9235
Pirate Peddlers	Black Base Humans Deadly Precision / Corrupt Court Official	10.0 / 10	9.29 pp	7843
Merchant of Many Hats	Black Base Humans Deadly Precision / Corrupt Court Official	10.0 / 10	9.29 pp	9519

Card	Best cluster	Shell dependence	Support delta	Supported games
Zuko, Exiled Prince	Rakdos Humans Vindictive Warden / Yuyan Archers	10.0 / 10	10.49 pp	2570
Cruel Administrator	Rakdos Humans Vindictive Warden / Yuyan Archers	10.0 / 10	6.67 pp	2577

5 Dependency Cards

Card	Best cluster	Dependency	Standalone lift	Games
Fire Sages	Rakdos Humans Vindictive Warden / Yuyan Archers	0.893	0.77 pp	3804
Fire Navy Trebuchet	Black Base Humans Deadly Precision / Corrupt Court Official	0.696	2.83 pp	5622
It'll Quench Ya!	Izzet Dragonfly Swarm / Firebending Lesson	0.594	2.56 pp	12782
Pirate Peddlers	Black Base Humans Deadly Precision / Corrupt Court Official	0.594	-1.65 pp	8486
Azula, On the Hunt	Black Base Humans Deadly Precision / Corrupt Court Official	0.503	-0.74 pp	5186
Octopus Form	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	0.492	3.02 pp	11750
First-Time Flyer	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	0.445	0.56 pp	14812
Raven Eagle	Rakdos Humans Vindictive Warden / Yuyan Archers	0.424	6.73 pp	863
Deadly Precision	Black Base Humans Deadly Precision / Corrupt Court Official	0.382	3.23 pp	15658
Joo Dee, One of Many	Black Base Humans Deadly Precision / Corrupt Court Official	0.378	0.25 pp	7107

Card	Best cluster	Dependency	Standalone lift	Games
June, Bounty Hunter	Black Base Humans Deadly Precision / Corrupt Court Official	0.365	1.35 pp	6801
Zuko, Exiled Prince	Rakdos Humans Vindictive Warden / Yuyan Archers	0.315	-1.03 pp	2902

6 Best Draft Priorities

Card	Best cluster	Pick score	Draft win lift	Rarity
The Fire Nation Drill	Black Base Humans Deadly Precision / Corrupt Court Official	10.0 / 10	4.42 pp	rare
The Earth King	Green Base Humans Raucous Audience / Ostrich-Horse	10.0 / 10	4.19 pp	rare
Allies at Last	Green Base Humans Raucous Audience / Ostrich-Horse	10.0 / 10	1.88 pp	uncommon
Aang, Swift Savior	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	10.0 / 10	4.71 pp	rare
Azula, Cunning Usurper	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	10.0 / 10	2.65 pp	rare
Invasion Submersible	Azorius Humans First-Time Flyer / Forecasting Fortune Teller	10.0 / 10	2.52 pp	uncommon
Badgermole	Green Base Humans Raucous Audience / Ostrich-Horse	9.8 / 10	0.86 pp	common
Foggy Swamp Spirit Keeper	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	10.0 / 10	0.95 pp	uncommon
Rocky Rebuke	Green Base Humans Raucous Audience / Ostrich-Horse	9.7 / 10	0.85 pp	common
Lost Days	Izzet Dragonfly Swarm / Firebending Lesson	10.0 / 10	1.16 pp	common
Combustion Technique	Izzet Dragonfly Swarm / Firebending Lesson	10.0 / 10	1.95 pp	uncommon

Card	Best cluster	Pick score	Draft win lift	Rarity
Bumi, Unleashed	Green Base Humans Raucous Audience / Ostrich-Horse	9.7 / 10	3.26 pp	mythic

7 Most Striking Positive Pairs

Pair	Cluster	Quality	Pair WR	Games
Swampsnare Trap, The Rise of Sozin	Black Base Humans Deadly Precision / Corrupt Court Official	2.45	77.69%	242
Aang, Swift Savior, Aang, the Last Airbender	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	2.13	82.00%	100
Canyon Crawler, Lost Days	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	1.43	69.07%	1290
Lost Days, Ostrich-Horse	Green Base Humans Raucous Audience / Ostrich-Horse	1.37	66.76%	1727
Firebending Lesson, The Legend of Roku	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	1.27	73.81%	168
Glider Kids, The Legend of Yangchen	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	1.17	74.44%	223
Cycle of Renewal, Wan Shi Tong, Librarian	Green Base Humans Raucous Audience / Ostrich-Horse	1.11	72.88%	118
Earth Kingdom Jailer, Water Tribe Rallier	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	1.11	71.22%	476
Swampsnare Trap, Watery Grasp	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	1.05	66.67%	1533
Suki, Courageous Rescuer, Water Tribe Captain	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	1.03	69.94%	173
Canyon Crawler, Hama, the Bloodbender	Dimir Humans Foggy Swamp Spirit Keeper / Messenger Hawk	1.00	67.95%	546
The Legend of Yangchen, Water Tribe Captain	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.92	75.93%	108

Pair	Cluster	Quality	Pair WR	Games
The Legend of Yangchen, Water Tribe Rallier	White Base Humans Kyoshi Warriors / Avatar Enthusiasts	0.90	77.12%	118
Accumulate Wisdom, Dragonfly Swarm	Izzet Dragonfly Swarm / Firebending Lesson	0.88	67.91%	1234

8 Anti-Synergies Worth Respecting

Pair	Cluster	Anti-score	Pair WR	Games
The Cave of Two Lovers, War Balloon	Rakdos Humans Vindictive Warden / Yuyan Archers	0.97	43.41%	129
Kyoshi Warriors, Sun Warriors	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.61	48.62%	580
Jeong Jeong's Deserters, Water Tribe Captain	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.54	47.39%	747
How to Start a Riot, Jet, Freedom Fighter	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.53	50.58%	346
Fire Nation Cadets, War Balloon	Rakdos Humans Vindictive Warden / Yuyan Archers	0.42	47.40%	365
Fire Nation Raider, The Cave of Two Lovers	Rakdos Humans Vindictive Warden / Yuyan Archers	0.42	46.15%	117
Kyoshi Warriors, Wandering Musicians	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.39	50.39%	649
Fire Nation Attacks, Treetop Freedom Fighters	Rakdos Humans Vindictive Warden / Yuyan Archers	0.38	48.66%	335
Fire Nation Raider, How to Start a Riot	Rakdos Humans Vindictive Warden / Yuyan Archers	0.37	44.25%	174
Compassionate Healer, Fire Nation Cadets	Boros Humans Treetop Freedom Fighters / Deserter's Disciple	0.36	49.55%	771

9 Bottom-Line Reading

This report treats the format as a deck ecosystem rather than a flat card ranking. The strongest cards show up in the bomb table because they win on their own. The cards that pull a cluster together show up in the build-around and dependency tables because they need a shell. The pair and anti-synergy sections then explain which combinations reinforce a winning plan and which combinations look attractive in draft but underperform together.