Exohabitability Analytics
Exploring Earth-Like Conditions Beyond Our Solar System

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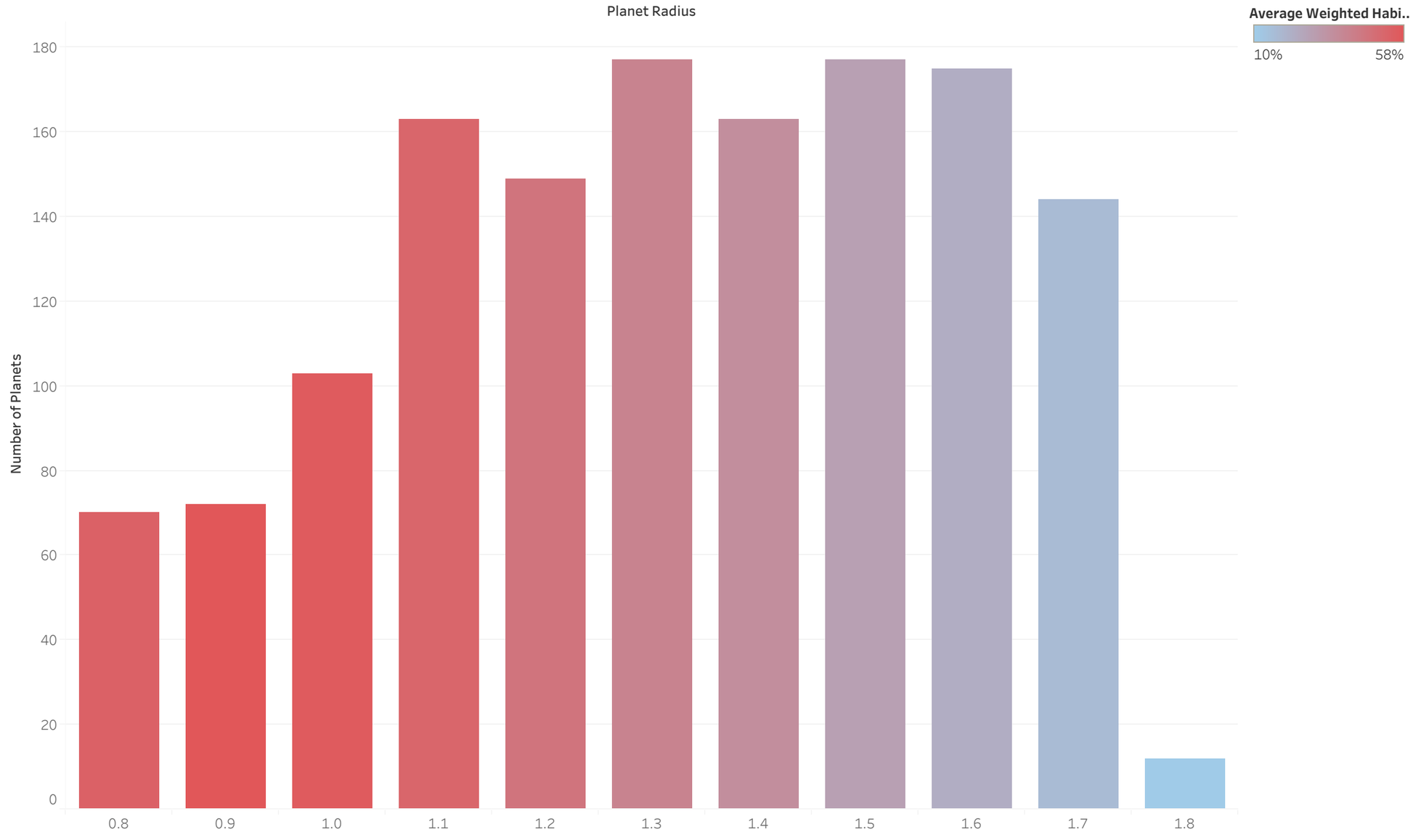
Tools: Tableau • Data Analysis • Data Storytelling

Distribution of Potentially Habitable Exoplanets by Radius

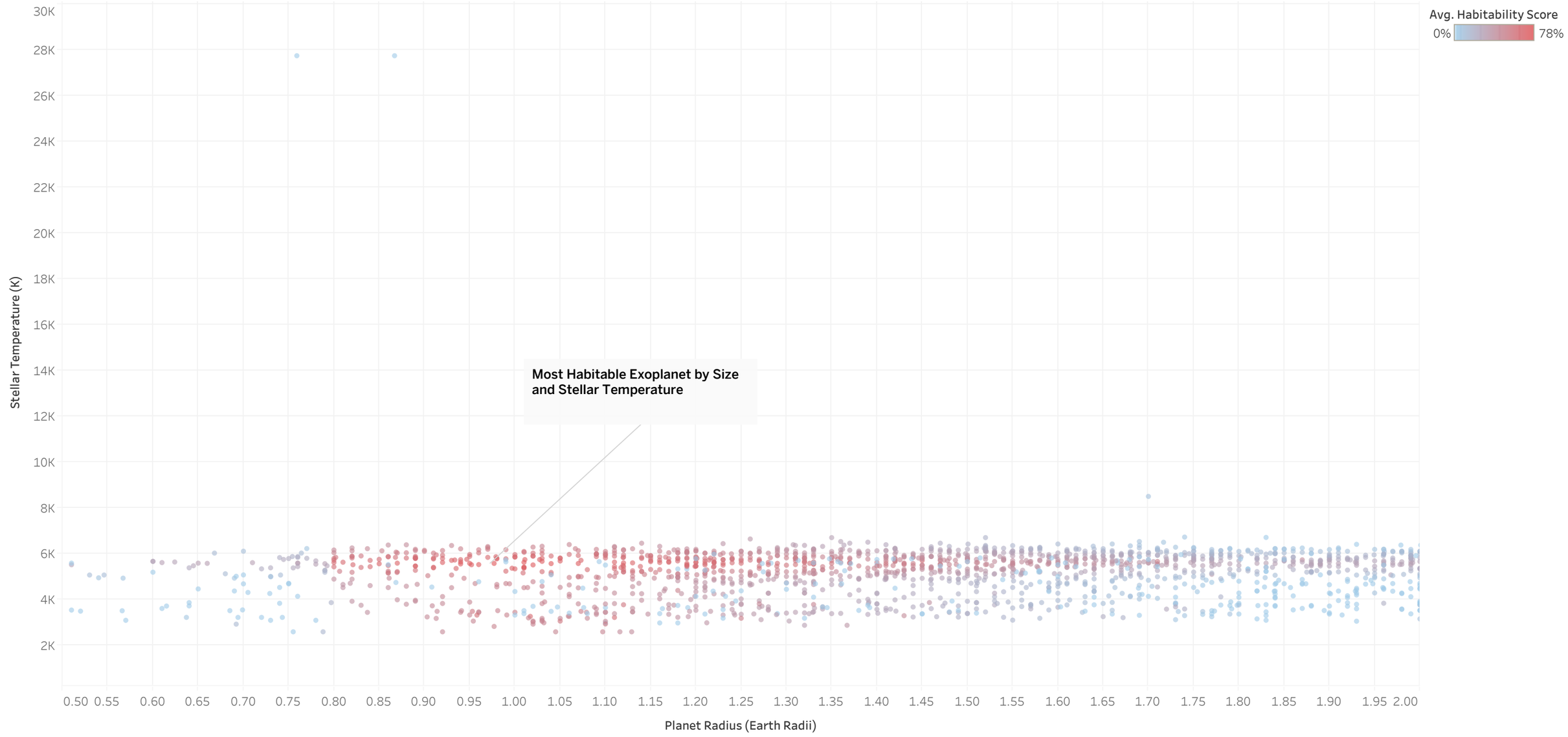
Histogram of confirmed exoplanets by planetary radius. Color represents average weighted habitability score (0–100%), a composite index based on planetary radius and stellar temperature. Higher values indicate closer alignment with Earth-like conditions, not confirmed habitability.



Count of Planet Radius (Earth Radii) for each Planet Radius. Color shows average of Habitability Score. The data is filtered on Planet Radius (Earth Radii), which ranges from 0.8 to 1.8.

Earth-Sized Exoplanets by Stellar Temperature

Each point represents a planet between 0.5–2.0 Earth radii. Earth orbits a star with a surface temperature of ~5,778 K.



Planet Radius (Earth Radii) vs. Stellar Temperature (K). Color shows average of Habitability Score. Details are shown for Pl Name.