Group	Column Index	Column Name	Data type	Mean/ Mode	Standard Deviation	Max	Description
Status	0	Controversial Flag	Boolean	0.004	0.065	1	Boolean indicating whether the confirmation status of a planet has been questioned in the published literature
Names	1	Planet Name	Identifyer	11 Com b	-	-	Planet name most commonly used in the literature
	2	Host Name	Identifyer	KOI-351	-	-	Stellar name most commonly used in the literature
	3	Planet Letter	Identifyer	b	-	-	Letter assigned to the planetary component of a planetary system. The first planet discovered in a system is given the designation "b" (the parent star is considered to be "a") and later planets are given subsequent letters
System Composition	4	Number of Stars	Numerical	1.105	0.349	4	Number of stars in the planetary system
	5	Number of Planets	Numerical	1.817	1.177	8	Number of confirmed planets in the planetary system
	6	Circumbinary Flag	Boolean	0.004	0.061	1	Boolean indicating whether the planet orbits a binary system
Planet Discovery	7	Discovery Method	Categorical	Transit	-	-	Method by which the planet was first identified
	8	Discovery Year	Numerical	2015.833	4.439	2024	Year the planet was discovered
	9	Discovery Locale	Categorical	Space	-	-	Location of observation of planet discovery (Ground or Space)
Detections	10	Detections by Radial Velocity Variations	Boolean	0.395	0.489	1	Boolean indicating if the planet host star exhibits radial velocity variations due to the planet
	11	Detected by Transits	Boolean	0.796	0.403	1	Boolean indicating if the planet transits its host star
	12	Detected by Imaging	Boolean	0.002	0.043	1	Boolean indicating if the planet has been observed via imaging techniques
Planet Parameters	13	Orbital Period (years)	Numerical	1.221	9.667	465.445	Time the planet takes to make a complete orbit around the host star or system, in Earth years
	14	Orbit Semi-Major Axis (au)	Numerical	0.559	2.049	68	The longest radius of an elliptic orbit, equivalent to half of the major axis of the ellipse
	15	Planet Radius (Earth Radius)	Numerical	5.511	5.182	32.6	Length of a line segment from the center of the planet to its surface, measured in units of radius of the Earth
	16	Planet Mass (Earth Mass)	Numerical	399.942	2459.971	89700	Best planet mass estimate available, measured in Earth masses
	17	Planet Density (g/cm**3)	Numerical	4.115	15.841	879	Amount of mass per unit of volume of the planet
	18	Eccentricity	Numerical	0.073	0.148	0.95	Amount by which the orbit of the planet deviates from a perfect circle
	19	Equilibrium Temperature (K)	Numerical	906.862	453.324	4050	The equilibrium temperature of the planet as modeled by a black body heated only by its host star
	20	Inclination (deg)	Numerical	86.856	9.781	176.092	Angle of the plane of the orbit relative to the plane perpendicular to the line-of-sight from Earth to the object
	21	Transit Depth (%)	Numerical	0.275	0.601	11.022	The size of the relative flux decrement caused by the orbiting body transiting in front of the star
	22	Transit Duration (hrs)	Numerical	3.913	2.643	53.6	The length of time from the moment the planet begins to cross the stellar limb to the moment the planet finishes crossing the stellar limb
	23	Ratio of Semi-Major Axis to Stellar Radius	Numerical	0.038	0.038	0.661	The distance between the planet and the star at mid-transit divided by the stellar radius
	24	Radial Velocity Amplitude (m/s)	Numerical	93.044	184.805	2310	Half the peak-to-peak amplitude of variability in the stellar radial velocity (component of velocity in the line-of-sight from Earth to the object)
Stellar Data	25	Spectral Type	Categorical	G0 V	-	-	Classification of the star based on their spectral characteristics following the Morgan-Keenan system
	26	Stellar Effective Temperature (K)	Numerical	5403.262	970.953	29564	Temperature of the star as modeled by a black body emitting the same total amount of electromagnetic radiation
	27	Stellar Radius (Solar Radius)	Numerical	1.606	4.388	109.46	Length of a line segment from the center of the star to its surface, measured in units of radius of the Sun
	28	Stellar Mass (Solar mass)	Numerical	0.983	0.393	10.94	Amount of matter contained in the star, measured in units of masses of the Sun
	29	Stellar Metallicity (Solar Metallicity)	Numerical	1.125	0.457	3.631	Measurement of the metal content of the photosphere of the star as compared to the hydrogen content, relative to the Sun's photosphere content ratio
	30	Stellar Luminosity (log10 (Solar))	Numerical	-0.08	0.726	3.46	Amount of energy emitted by a star per unit time, measured in units of solar luminosities
	31	Stellar Surface Gravity (log10(m/s^2))	Numerical	2.362	0.444	3.52	Gravitational acceleration experienced at the stellar surface
	32	Stellar Age (Gyr)	Numerical	4.453	3.066	14.9	The age of the host star, measured in billions of years
	33	Stellar Density (g/cm**3)	Numerical	3.124	6.826	107.449	Amount of mass per unit of volume of the star
	34	Stellar Rotational Period (days)	Numerical	60.22	371.064	7900	The time required for the planet host star to complete one rotation, assuming it is a solid body
	35	Systemic Radial Velocity (km/s)	Numerical	-2.341	32.408	244.99	Velocity of the star in the direction of the line of sight from Earth to the object
System Data	36	Total Proper Motion (mas/yr)	Numerical	102.264	357.491	8644.905	Angular change in position over time as seen from the center of mass of the Solar System, measured in units of milliarcseconds/year
	37	Distance (ly)	Numerical	1773.786	1600.647	14621.737	Distance to the planetary system in units of lightyears
	38	RA	Numerical	240.824	89.165	359.975	Right Ascension of the planetary system in decimal degrees
	39	Dec	Numerical	23.958	34.458	85.737	Declination of the planetary system in decimal degrees
Photometry (of the system as a whole)	40	U	Numerical	16.285	1.647	23.306	Brightness of the host star as measured using the Sloan Digital Sky Survey (SDSS) u band, in units of magnitudes
	41	B	Numerical	13.46	3.132	19.474	Brightness of the host star as measured using the B (Johnson) band, in units of magnitudes
	42	G	Numerical	14.782	1.513	19.624	Brightness of the host star as measured using the Sloan Digital Sky Survey (SDSS) g band, in units of magnitudes
	43	V	Numerical	12.65	3.057	20.154	Brightness of the host star as measured using the V (Johnson) band, in units of magnitudes
	44	R	Numerical	14.08	1.448	17.996	Brightness of the host star as measured using the Sloan Digital Sky Survey (SDSS) r band, in units of magnitudes
	45	I	Numerical	13.921	1.377	19.308	Brightness of the host star as measured using the Sloan Digital Sky Survey (SDSS) i band, in units of magnitudes
	46	Z	Numerical	13.898	1.208	16.04	Brightness of the host star as measured using the Sloan Digital Sky Survey (SDSS) z band, in units of magnitudes
	47	J	Numerical	11.059	3.008	15.453	Brightness of the host star as measured using the J (2MASS) band, in units of magnitudes
	48	H	Numerical	10.667	3.014	15.593	Brightness of the host star as measured using the H (2MASS) band, in units of magnitudes
	49	K	Numerical	10.566	3.033	15.495	Brightness of the host star as measured using the K (2MASS) band in, units of magnitudes
	50	W1	Numerical	10.607	2.996	15.438	Brightness of the host star as measured using the 3.4um (WISE) band, in units of magnitudes.
	51	W2	Numerical	10.633	3.029	15.983	Brightness of the host star as measured using the 4.6um (WISE) band, in units of magnitudes.
	52	W3	Numerical	10.422	2.758	13.444	Brightness of the host star as measured using the 12.um (WISE) band, in units of magnitudes
	53	W4	Numerical	8.372	1.613	10.081	Brightness of the host star as measured using the 22.um (WISE) band, in units of magnitudes