

Vansh HW Data Scrapping

```
1 import requests
2 import pandas as pd
3 from bs4 import BeautifulSoup
4
5 #sending request to the server and getting the response
6 url =requests.get("https://en.wikipedia.org/wiki/List_of_active_Indian_milita
7
8 #getting the html content
9 soup=BeautifulSoup(url.text.strip(),'html.parser')
10 data =soup.find('table', class_='wikitable')
11 headers=[]
12 for th in data.find_all('th'):
13     headers.append(th.text.strip())
14
15 head_new = headers[: 6]
16
17 rows=[]
18 for tr in data.find_all('tr'):
19     row=[]
20     for td in tr.find_all('td'):
21         row.append(td.text.strip())
22     if row:
23         rows.append(row)
24
25 df=pd.DataFrame(rows)
26 df.columns=head_new
27 df.to_csv('indian-aircraft.csv')
28 print(df)
```

	Aircraft	Origin	Type	Variant	In service	Notes
0	Dassault Rafale	France	Multirole	DH	8[1]	
1	EH					
2	HAL Tejas	India	Multirole	Mk.1	31[2][3]	
3	Conversion trainer	Mk.1 Trainer				Used for training; 16 more on order[6]
4	Multirole	Mk.1A				73 on order, 97 more approved[6][7]
5	Sukhoi Su-30MKI	Russia	Multirole	Su-30MKI Flanker H	258[8][9]	12 more cleared.[10]
6	Mikoyan MiG-29	Soviet Union	Multirole	Fulcrum	53[1][11]	Including 12 MiG-29UPG.
7	Fulcrum B					
8	Dassault Mirage 2000	France	Multirole	-2000H	37[1]	
9	-2000TH					
10	SEPECAT Jaguar	United Kingdom	Attack	IB	28[1]	Used for training.
11	IS					
12	IM					
13	Mikoyan-Gurevich MiG-21	Soviet Union	Interceptor	MiG-21 Bison	40[12]	Being phased out.[13]
14	Embraer R-99	Brazil	AEW&C	Netra Mk1	3[14]	equipped with a Netra AEW&C.
15	Beriev A-50	Soviet Union	AEW&C	A-50Ei	3[14]	equipped with the EL/W-2090 radar. 2 more planned.[15][16]
16	Boeing 707	United States	SIGINT / ELINT	707-337C Phalcon	1[14]	Operated by Aviation Research Centre (ARC) of R&AW.[17][18]
17	Global 5000	United States	SIGINT / ELINT		2[14]	
18	Gulfstream III	United States	ELINT	SRA[19]	3[14]	
19	Gulfstream G100	Israel	surveillance	1125 Astra	2[14]	
20	Ilyushin Il-78	Soviet Union	aerial refuelling	Il-78MKI	6[14]	
21	Boeing 777	United States	VIP transport	777-300ER	2[20]	Used as Air India One for presidential flight
22	Boeing 737	United States	VIP transport	737-700	3[21]	
23	Embraer Legacy 600	Brazil	VIP transport		4[22]	
24	Boeing C-17	United States	strategic airlifter		11[14]	
25	Ilyushin Il-76	Soviet Union	strategic airlifter	Il-76MD	17[14]	
26	C-130J Super Hercules	United States	tactical airlifter	C-130J-30[23]	12[14]	
27	Airbus A321	Europe	transport	A321-200	4[14]	
28	Antonov An-32	Soviet Union	tactical airlifter		103[14]	53 are the 32RE variant[24]
29	EADS CASA C-295	Spain	tactical airlifter	C-295MW	5[25]	51 more on order - HS 748 replacement[26]
30	Hawker Siddeley HS 748	United Kingdom	tactical airlifter		57[14]	To be replaced by EADS CASA C-295
31	Dornier Do 228	Germany	tactical airlifter	228-201	58[14]	license built by HAL[27]
32	Boeing AH-64	United States	attack	AH-64E	22[14]	
33	Mil Mi-24	Russia	attack	Mi-24/25/35	15[14]	
34	HAL Prachand	India	attack		10[28]	66 on order[29]
35	HAL Rudra	India	attack		16	50 on order.[30]
36	CH-47 Chinook	United States	transport	CH-47F	15[14]	
37	Mil Mi-17	Russia	utility	Mi-17V-5	222[14]	

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