

Russia's Invasion On Ukraine News Data Analysis

Dataset:- <https://www.kaggle.com/code/min02yam/may17-eda-of-2022-russia-ukraine-war>
<https://www.kaggle.com/code/min02yam/may17-eda-of-2022-russia-ukraine-war>

```
In [*]: import pandas as pd
```

```
In [2]: rsuk=pd.read_csv('H:/ru_1.csv')
rsuk.head(10)
```

Out[2]:

	published	headlines	articles
0	2022-08-01T16:23:25Z	Sanctions against Russia are not backfiring ...	Simon Jenkins (The rouble is soaring and Putin...
1	2022-07-26T07:54:56Z	Can Ukrainian forces recapture Kherson from Ru...	In the first phase of the war in Ukraine, the ...
2	2022-08-05T15:00:03Z	Nightlands review – talking through what's bec...	Who exactly is the enemy currently laying wast...
3	2022-08-02T16:28:09Z	Russia claims US 'directly involved' in Ukrain...	The role of American intelligence in the war i...
4	2022-07-27T12:40:40Z	Is Russia killing off the International Space ...	The International Space Station, which circles...
5	2022-06-21T16:28:56Z	Russia blocks Telegraph website over Ukraine r...	Russia has blocked the website of the Telegrap...
6	2022-07-28T11:59:51Z	Brittney Griner lawyers welcome prospect of Ru...	Brittney Griner's defence team have given the ...
7	2022-05-22T14:41:11Z	Russia bans 963 Americans from entering country	Russia on Saturday released a list of 963 Amer...
8	2022-07-15T15:51:31Z	Russia escalating attacks on civilians, says t...	A top Ukrainian official has accused Russia of...
9	2022-06-14T17:07:26Z	Russia bans 29 UK journalists, including Guard...	Russia has banned 29 members of the British me...

```
In [3]: rsuk_1=pd.read_csv('H:/ru_2.csv')
rsuk_1.head(10)
```

Out[3]:

	published	headlines	articles
0	2022/06/23	For a Kyiv Techno Collective, 'Now Everything ...	When Slava Lepsheiev founded the Ukrainian tec...
1	2022/06/21	After a Pivotal Period in Ukraine, U.S. Offici...	Several military analysts say Russia is at pea...
2	2022/06/13	The Corpse of a Russian Soldier, and the Cold ...	The Russians have abandoned the bodies of many...
3	2022/06/11	Biden Races to Expand Coalition Against Russia...	A month later, Mr. Ramaphosa lamented the impa...
4	2022/06/13	As China Rattles Sabers, Taiwan Asks: Are We R...	Underlying Taiwan's defense dilemma is a quest...
5	2022/06/08	U.S. Lacks a Clear Picture of Ukraine's War St...	Of course the U.S. intelligence community coll...
6	2022/06/02	U.S. Technology, a Longtime Tool for Russia, B...	Technology restrictions have harmed other Russ...
7	2022/06/02	U.S. Imposes Sanctions on Yacht Company That C...	WASHINGTON — The U.S. government leveled sanct...
8	2022/06/04	U.S. Warship Arrives in Stockholm for Military...	ABOARD U.S.S. KEARSARGE, in the port of Stockh...
9	2022/05/31	Russian Military Is Repeating Mistakes in East...	But by May 13, control of the city had flipped...

Splitting The Published Column in Year,Month,Date For Further Analysis

```
In [4]: rsuk_1[['Year', 'Month', 'Date']] = rsuk_1['published'].str.split('/', expand=True)
rsuk_1
```

Out[4]:

	published	headlines	articles	Year	Month	Date
0	2022/06/23	For a Kyiv Techno Collective, 'Now Everything ...	When Slava Lepsheiev founded the Ukrainian tec...	2022	06	23
1	2022/06/21	After a Pivotal Period in Ukraine, U.S. Offici...	Several military analysts say Russia is at pea...	2022	06	21
2	2022/06/13	The Corpse of a Russian Soldier, and the Cold ...	The Russians have abandoned the bodies of many...	2022	06	13
3	2022/06/11	Biden Races to Expand Coalition Against Russia...	A month later, Mr. Ramaphosa lamented the impa...	2022	06	11
4	2022/06/13	As China Rattles Sabers, Taiwan Asks: Are We R...	Underlying Taiwan's defense dilemma is a quest...	2022	06	13
...
214	2022/07/15	In a Flash of Fire and Shrapnel, a Smiling 4-Y...	Whether through callousness in targeting or si...	2022	07	15
215	2022/07/15	Energy Was the Only Bright Spot in the Stock M...	The energy industry has become the stock marke...	2022	07	15
216	2022/07/15	The many parties involved complicate war crime...	A Russian missile strike on a city in central ...	2022	07	15
217	2022/07/03	An American's Murky Path From Russian Propagan...	Konstantin Malofeev, an influential oligarch i...	2022	07	03
218	2022/07/15	Gaps in Arms Supplies to Ukraine Point to Coun...	BRUSSELS — There is the war on the ground in U...	2022	07	15

219 rows × 6 columns

Dropping Published Column As It Split Into Individual Parts For Necessary Purposes

```
In [5]: rsuk_1.drop(labels=None,axis=1,index=None,columns='published',inplace=True)
rsuk_1
```

Out[5]:

	headlines	articles	Year	Month	Date
0	For a Kyiv Techno Collective, 'Now Everything ...	When Slava Lepsheiev founded the Ukrainian tec...	2022	06	23
1	After a Pivotal Period in Ukraine, U.S. Offici...	Several military analysts say Russia is at pea...	2022	06	21
2	The Corpse of a Russian Soldier, and the Cold ...	The Russians have abandoned the bodies of many...	2022	06	13
3	Biden Races to Expand Coalition Against Russia...	A month later, Mr. Ramaphosa lamented the impa...	2022	06	11
4	As China Rattles Sabers, Taiwan Asks: Are We R...	Underlying Taiwan's defense dilemma is a quest...	2022	06	13
...
214	In a Flash of Fire and Shrapnel, a Smiling 4-Y...	Whether through callousness in targeting or si...	2022	07	15
215	Energy Was the Only Bright Spot in the Stock M...	The energy industry has become the stock marke...	2022	07	15
216	The many parties involved complicate war crime...	A Russian missile strike on a city in central ...	2022	07	15
217	An American's Murky Path From Russian Propagan...	Konstantin Malofeev, an influential oligarch i...	2022	07	03
218	Gaps in Arms Supplies to Ukraine Point to Coun...	BRUSSELS — There is the war on the ground in U...	2022	07	15

219 rows × 5 columns

```
In [6]: rsuk[['Year', 'Month', 'Date']] = rsuk['published'].str.split('-', expand=True)
rsuk
```

Out[6]:

	published	headlines	articles	Year	Month	Date
0	2022-08-01T16:23:25Z	Sanctions against Russia are not backfiring ...	Simon Jenkins (The rouble is soaring and Putin...	2022	08	01T16:23:25Z
1	2022-07-26T07:54:56Z	Can Ukrainian forces recapture Kherson from Ru...	In the first phase of the war in Ukraine, the ...	2022	07	26T07:54:56Z
2	2022-08-05T15:00:03Z	Nightlands review – talking through what’s bec...	Who exactly is the enemy currently laying wast...	2022	08	05T15:00:03Z
3	2022-08-02T16:28:09Z	Russia claims US ‘directly involved’ in Ukrain...	The role of American intelligence in the war i...	2022	08	02T16:28:09Z
4	2022-07-27T12:40:40Z	Is Russia killing off the International Space ...	The International Space Station, which circles...	2022	07	27T12:40:40Z
...
183	2022-04-26T09:55:30Z	Russia accuses Nato of ‘proxy war’ in Ukraine ...	Good morning.\n\nRussia’s foreign minister has...	2022	04	26T09:55:30Z
184	2022-06-11T00:21:00Z	Russia-Ukraine war: what we know on day 108 of...	The world’s chemical weapons watchdog says it ...	2022	06	11T00:21:00Z
185	2022-04-25T17:10:15Z	Russia bombs five railway stations in central ...	Five railway stations in central and western U...	2022	04	25T17:10:15Z
186	2022-06-10T15:59:34Z	Liz Truss speaks to Ukraine about Britons’ dea...	The UK foreign secretary, Liz Truss, has raise...	2022	06	10T15:59:34Z
187	2022-04-27T15:09:55Z	Russia attacks infrastructure in western Ukra...	While tanks and troops exchange fire in Donbas...	2022	04	27T15:09:55Z

188 rows × 6 columns

Splitting The Published Column in Year,Month,Date and Time For Further Analysis

```
In [7]: rsuk[['Day','Time']]=rsuk['Date'].str.split('T',expand=True)
rsuk
```

Out[7]:

	published	headlines	articles	Year	Month	Date	Day	Time
0	2022-08-01T16:23:25Z	Sanctions against Russia are not backfiring ...	Simon Jenkins (The rouble is soaring and Putin...	2022	08	01T16:23:25Z	01	16:23:25Z
1	2022-07-26T07:54:56Z	Can Ukrainian forces recapture Kherson from Ru...	In the first phase of the war in Ukraine, the ...	2022	07	26T07:54:56Z	26	07:54:56Z
2	2022-08-05T15:00:03Z	Nightlands review – talking through what’s bec...	Who exactly is the enemy currently laying wast...	2022	08	05T15:00:03Z	05	15:00:03Z
3	2022-08-02T16:28:09Z	Russia claims US ‘directly involved’ in Ukrain...	The role of American intelligence in the war i...	2022	08	02T16:28:09Z	02	16:28:09Z
4	2022-07-27T12:40:40Z	Is Russia killing off the International Space ...	The International Space Station, which circles...	2022	07	27T12:40:40Z	27	12:40:40Z
...
183	2022-04-26T09:55:30Z	Russia accuses Nato of ‘proxy war’ in Ukraine ...	Good morning.\n\nRussia’s foreign minister has...	2022	04	26T09:55:30Z	26	09:55:30Z
184	2022-06-11T00:21:00Z	Russia-Ukraine war: what we know on day 108 of...	The world’s chemical weapons watchdog says it ...	2022	06	11T00:21:00Z	11	00:21:00Z
185	2022-04-25T17:10:15Z	Russia bombs five railway stations in central ...	Five railway stations in central and western U...	2022	04	25T17:10:15Z	25	17:10:15Z
186	2022-06-10T15:59:34Z	Liz Truss speaks to Ukraine about Britons’ dea...	The UK foreign secretary, Liz Truss, has raise...	2022	06	10T15:59:34Z	10	15:59:34Z
187	2022-04-27T15:09:55Z	Russia attacks infrastructure in western Ukra...	While tanks and troops exchange fire in Donbas...	2022	04	27T15:09:55Z	27	15:09:55Z

188 rows × 8 columns

Drop Date and Published Column for Simplify The Further Analysis

```
In [8]: rsuk.drop(labels=None,axis=1,index=None,columns='published',inplace=True)
rsuk
```

Out[8]:

	headlines	articles	Year	Month	Date	Day	Time
0	Sanctions against Russia are not backfiring ...	Simon Jenkins (The rouble is soaring and Putin...	2022	08	01T16:23:25Z	01	16:23:25Z
1	Can Ukrainian forces recapture Kherson from Ru...	In the first phase of the war in Ukraine, the ...	2022	07	26T07:54:56Z	26	07:54:56Z
2	Nightlands review – talking through what’s bec...	Who exactly is the enemy currently laying wast...	2022	08	05T15:00:03Z	05	15:00:03Z
3	Russia claims US ‘directly involved’ in Ukrain...	The role of American intelligence in the war i...	2022	08	02T16:28:09Z	02	16:28:09Z
4	Is Russia killing off the International Space ...	The International Space Station, which circles...	2022	07	27T12:40:40Z	27	12:40:40Z
...
183	Russia accuses Nato of ‘proxy war’ in Ukraine ...	Good morning.\n\nRussia’s foreign minister has...	2022	04	26T09:55:30Z	26	09:55:30Z
184	Russia-Ukraine war: what we know on day 108 of...	The world’s chemical weapons watchdog says it ...	2022	06	11T00:21:00Z	11	00:21:00Z
185	Russia bombs five railway stations in central ...	Five railway stations in central and western U...	2022	04	25T17:10:15Z	25	17:10:15Z
186	Liz Truss speaks to Ukraine about Britons’ dea...	The UK foreign secretary, Liz Truss, has raise...	2022	06	10T15:59:34Z	10	15:59:34Z
187	Russia attacks infrastructure in western Ukra...	While tanks and troops exchange fire in Donbas...	2022	04	27T15:09:55Z	27	15:09:55Z

188 rows × 7 columns

```
In [9]: rsuk.drop(labels=None,axis=1,index=None,columns='Date',inplace=True)
rsuk
```

Out[9]:

	headlines	articles	Year	Month	Day	Time
0	Sanctions against Russia are not backfiring ...	Simon Jenkins (The rouble is soaring and Putin...	2022	08	01	16:23:25Z
1	Can Ukrainian forces recapture Kherson from Ru...	In the first phase of the war in Ukraine, the ...	2022	07	26	07:54:56Z
2	Nightlands review – talking through what’s bec...	Who exactly is the enemy currently laying wast...	2022	08	05	15:00:03Z
3	Russia claims US ‘directly involved’ in Ukrain...	The role of American intelligence in the war i...	2022	08	02	16:28:09Z
4	Is Russia killing off the International Space ...	The International Space Station, which circles...	2022	07	27	12:40:40Z
...
183	Russia accuses Nato of ‘proxy war’ in Ukraine ...	Good morning.\n\nRussia’s foreign minister has...	2022	04	26	09:55:30Z
184	Russia-Ukraine war: what we know on day 108 of...	The world’s chemical weapons watchdog says it ...	2022	06	11	00:21:00Z
185	Russia bombs five railway stations in central ...	Five railway stations in central and western U...	2022	04	25	17:10:15Z
186	Liz Truss speaks to Ukraine about Britons’ dea...	The UK foreign secretary, Liz Truss, has raise...	2022	06	10	15:59:34Z
187	Russia attacks infrastructure in western Ukra...	While tanks and troops exchange fire in Donbas...	2022	04	27	15:09:55Z

188 rows × 6 columns

Month and Day Wise Data News No. Check How much News Comes Out about Russia's Sudden Invasion On Ukraine

```
In [10]: rsuk[rsuk['Month']=='02'][['articles','headlines','Day']]
```

Out[10]:

	articles	headlines	Day
105	Switzerland, a bastion of neutrality through t...	Switzerland adopts wholesale EU sanctions agai...	28
113	Russia’s attack on Ukraine began at about 5am ...	War in Ukraine: where has Russia attacked?	24
116	Western leaders have spent the past 20 years t...	Can anyone in Russia stop Putin now? Angus R...	24
117	Top story: Kremlin invokes ‘demilitarisation’ ...	Thursday briefing: Russia launches attack on U...	24


```
In [11]: rsuk[rsuk['Month']=='03'][['articles','headlines','Day']]
```

```
Out[11]:
```

	articles	headlines	Day
103	Vladimir Putin's full-blown invasion of Ukrain...	What fantasies of a coup in Russia ignore Ra...	28
122	A Russian court has banned Facebook and Instag...	Russia bans Facebook and Instagram under 'extr...	21
170	Tui, Europe's largest holiday company, has can...	Tui Group terminates branding deal with Tui Ru...	10
172	Top story: Moscow 'setting stage for false fla...	Thursday briefing: Fears Russia may use chemic...	10

```
In [12]: rsuk[rsuk['Month']=='04'][['articles','headlines','Day']]
```

```
Out[12]:
```

	articles	headlines	Day
17	Russia has stepped up attempts to encircle def...	Russia accused of shelling Mariupol humanitari...	26
39	Russia has bombarded Ukraine's second city, Kh...	Russia bombs Kharkiv but Ukraine claims 'tacti...	30
81	Ukraine's president Volodymyr Zelenskiy has sa...	Russia now synonymous with Bucha killings, say...	04
107	Seven people have been killed after a huge fir...	Seven die in fire at Russia defence institute ...	22
111	Oleksandr Malish, the patrol police chief for ...	Police scout for pro-Russian collaborators in ...	19
114	Russia's large-scale offensive to seize the Do...	Russia takes Donbas town but Ukrainian frontli...	19
133	A criminal case has been opened against a Sibe...	Russia: journalist arrested for 'fake news' ab...	14
142	A pro-Russian cavalcade in Dublin led by a car...	Pro-Russia cavalcade provokes shock and anger ...	12
147	A metro mayor has threatened to halt a popular...	E-scooter scheme could close over 'dubious' Ru...	11
151	Good morning.\n\nAustria's chancellor is to me...	First Thing: Austrian chancellor to meet Putin...	11
173	Good morning.\n\nRussia hit Kyiv with cruise m...	First Thing: Russia strikes Kyiv during UN vis...	29
176	Russia has stepped up the pace of its offensiv...	Russia increasing speed of attack in south-eas...	28
177	Russia has nearly doubled its revenues from se...	Russia doubles fossil fuel revenues since inva...	27
183	Good morning.\n\nRussia's foreign minister has...	Russia accuses Nato of 'proxy war' in Ukraine ...	26
185	Five railway stations in central and western U...	Russia bombs five railway stations in central ...	25
187	While tanks and troops exchange fire in Donbas...	Russia attacks infrastructure in western Ukra...	27

```
In [13]: rsuk[rsuk['Month']=='05'][['articles','headlines','Day']]
```

```
Out[13]:
```

	articles	headlines	Day
7	Russia on Saturday released a list of 963 Amer...	Russia bans 963 Americans from entering country	22
16	Russia has deployed mobile propaganda vans wit...	Russia uses Orwellian propaganda news vans in ...	26
24	A number of Chinese government-linked media ou...	China's pro-Russia propaganda exposed by onlin...	10
26	The UK government has expanded its sanctions a...	UK expands import sanctions against Russia and...	08
32	Mongolia, a squeezed outpost of democracy in n...	Mongolia under pressure to align with Russia a...	31
34	Israel has summoned the Russian ambassador and...	Israel summons Russia envoy over minister's Hi...	02
40	Ukraine's president, Volodymyr Zelenskiy, has ...	Zelenskiy urges 'maximum sanctions' against Ru...	23
50	From 21 May 2022 23.34 Joe Biden among 963 Ame...	Russia bans 963 Americans from country - as it...	21
68	Russia has unleashed heavy artillery barrages ...	Russia opens artillery barrages in south and e...	05
69	From 8 May 2022 21.48 60 people confirmed kill...	Russia-Ukraine war latest: G7 commits to phasi...	09
72	In the sparkling azure waters of Antigua, the ...	Revealed: Russia-linked superyachts 'going dar...	28
92	Good morning.\n\nWith the Russian invasion of ...	US accuses Russia of holding food supplies hos...	20
97	Russia has said a further 771 Ukrainian troops...	Russia says 771 more Ukrainian troops 'surrend...	19
115	The lawyer for American basketball star Britt...	WNBA star Brittney Griner's detention in Russi...	13
126	From 2 May 2022 01.55 Around 100 civilians wer...	Russia-Ukraine war: South Korea set to reopen ...	02
137	Russian forces have taken control of most of t...	Most of Sievierodonetsk has fallen to Russia, ...	31
139	Russian forces have taken control of most of t...	Most of Sievierodonetsk has fallen to Russia, ...	31
144	The British ambassador to Moscow, Deborah Bron...	Russia summons UK ambassador over new sanction...	06
155	Russia is guilty of inciting genocide and havi...	Russia is guilty of inciting genocide in Ukrai...	27
156	Russian forces have shelled and attempted to s...	Russia steps up Azovstal siege as freed civili...	04
181	McDonald's has reached a deal to sell all its ...	Govor agrees to buy all McDonald's in Russia a...	19

```
In [14]: rsuk[rsuk['Month']=='06'][['articles','headlines','Day']]
```

```
Out[14]:
```

	articles	headlines	Day
5	Russia has blocked the website of the Telegraph...	Russia blocks Telegraph website over Ukraine r...	21
9	Russia has banned 29 members of the British me...	Russia bans 29 UK journalists, including Guard...	14
10	Former McDonald's restaurants in the Russian c...	McDonald's restaurants in Russia reopen under ...	12
15	The head of the Kremlin's security council has...	Russia threatens 'serious consequences' as Lit...	21
20	A specialist gang is smuggling valuable histor...	Specialist gang 'targeting' Ukrainian treasure...	12
27	Russia is poised to default on its debt for th...	Russia defaults on debt for first time since 1...	27
28	Russian forces now control more than two-third...	Luhansk governor says Russia now controls 70% ...	01
30	Russian forces are trying to cut off the strat...	Russia pushes to block off city of Lysychansk,...	25
33	Germany has moved one step closer to gas ratio...	Germany moves closer to gas rationing as Russi...	23
35	The military situation for Ukraine's defenders...	Eastern Donbas 'extremely difficult' for Ukrai...	21
36	Sievierodonetsk and its neighbouring city, Lys...	Russia bears down on Lysychansk, targeting pol...	22
37	Western leaders have said the war in Ukraine c...	Russia-Ukraine war could last for years, say w...	19
38	Russia has provoked concern in Brussels after ...	Russia threatens retaliation as Lithuania bans...	20
45	Two American volunteers in Ukraine have gone m...	Two US volunteers in Ukraine feared taken pris...	16
52	More than 15,000 millionaires are expected to ...	More than 15,000 millionaires expected to leav...	13
56	Antti Kettunen, 44, runs through a slalom cons...	Finland and Russia: a photo journey through th...	10
58	Fighting alongside pro-Russia separatists as p...	The Congolese student fighting with pro-Russia...	08
62	Ukraine has announced the largest exchange of ...	Ukraine announces largest exchange of prisoner...	29
64	Russia must not be humiliated in Ukraine, Emma...	Russia must not be humiliated in Ukraine, says...	04
67	German consumers could face a tripling of gas ...	German gas prices could triple as Russia reduc...	24
70	German consumers could face a tripling of gas ...	German gas prices could triple as Russia reduc...	24
71	Vladimir Putin and Russian state-owned energy ...	What happens if Russia turns off Europe's gas ...	22
82	Western and Ukrainian rhetoric claiming Russia...	Plan needed to make Russia pay reparations to ...	16
85	Security officials trying to thwart Russian sp...	Man arrested at Gatwick airport on suspicion o...	15
99	Ukraine's president, Volodymyr Zelenskiy, "did...	Zelenskiy 'didn't want to hear' warnings of Ru...	11

	articles	headlines	Day
104	The replacement for McDonald's in Russia has u...	Burger and two fries? Russia unveils logo as i...	10
108	The replacement for McDonald's in Russia has u...	Burger and two fries? Russia unveils logo as i...	10
109	Russian proxy fighters in east Ukraine have sa...	Pro-Russia officials open trial against Briton...	07
118	Russia launched airstrikes on Kyiv for the fir...	Russia claims to have targeted western-supplie...	05
119	In an interview with the NBC network in the US...	Russia-Ukraine war: what we know on day 126 of...	29
120	Boris Johnson has argued that continued intern...	Letting Russia win in Ukraine would be 'absolu...	27
121	The Ukrainian president has visited the frontl...	Zelenskiy visits Ukrainian troops on frontline...	06
123	Kyiv has come under attack for the first time ...	Russia-Ukraine war: what we know on day 123 o...	26
125	German Chancellor Olaf Scholz said there can b...	Russia-Ukraine war: what we know on day 125 of...	28
127	A number of civilians have died and dozens wer...	Russia-Ukraine war: what we know on day 124 of...	27
128	Jonathan Powell's call for readiness for negot...	Ukraine must agree a peace deal with Russia. B...	24
129	German consumers could face a tripling of gas ...	Russia-Ukraine war: what we know on day 122 of...	25
130	The last Ukrainian forces fighting in the heav...	Russia-Ukraine war: what we know on day 121 of...	24
132	Russia has transformed an existing life-threat...	Russia 'turning wave of food crises into tsuna...	24
135	A diplomatic row has broken out between the UK...	US accuses UK of exploiting Russia tensions to...	24
138	Russia's Tass news agency is carrying a report...	Russia-Ukraine war: what we know on day 120 of...	23
143	Members of the Russian delegation to the Organ...	Russia-Ukraine war: what we know on day 119 of...	22
145	The Kremlin has said that two captured US volu...	US volunteer fighters captured in Ukraine coul...	21
150	Putin fears the "spark of democracy" spreading...	Russia-Ukraine war: what we know on day 118 of...	21
153	Ukraine's president Volodymyr Zelenskiy said h...	Russia-Ukraine war: what we know on day 117 of...	20
157	Russia's war in Ukraine could take years, Nato...	Russia-Ukraine war: what we know on day 116 of...	19
159	A Ukrainian paramedic has been released from R...	Russia-Ukraine war: what we know on day 115 of...	18
162	Vladimir Putin described western sanctions aga...	Russia-Ukraine war: what we know on day 114 of...	17
166	Nato's secretary general, Jens Stoltenberg, sa...	Russia-Ukraine war: what we know on day 113 of...	16
168	Zelenskiy repeated his call for the west to st...	Russia-Ukraine war: what we know on day 112 of...	15

	articles	headlines	Day
174	Pope Francis has said Moscow's invasion of Ukr...	Russia-Ukraine war: what we know on day 111 of...	14
175	River crossing operations are likely to be amo...	Russia-Ukraine war: what we know on day 110 of...	13
179	The EU executive will this week make a recomme...	Russia-Ukraine war: what we know on day 109 of...	11
180	River crossing operations are likely to be amo...	Russia-Ukraine war: what we know on day 110 of...	13
182	Sanctions have affected many aspects of life i...	Sanctions are hitting hard enough to hurt Russ...	11
184	The world's chemical weapons watchdog says it ...	Russia-Ukraine war: what we know on day 108 of...	11
186	The UK foreign secretary, Liz Truss, has raise...	Liz Truss speaks to Ukraine about Britons' dea...	10

In [15]: `rsuk[rsuk['Month']=='07'][['articles','headlines','Day']]`

Out[15]:

	articles	headlines	Day
1	In the first phase of the war in Ukraine, the ...	Can Ukrainian forces recapture Kherson from Ru...	26
4	The International Space Station, which circles...	Is Russia killing off the International Space ...	27
6	Brittney Griner's defence team have given the ...	Brittney Griner lawyers welcome prospect of Ru...	28
8	A top Ukrainian official has accused Russia of...	Russia escalating attacks on civilians, says t...	15
11	Vladimir Putin has issued one of his most omin...	Putin claims Russia has barely started campaig...	08
...
165	The British prime minister Boris Johnson has a...	Russia-Ukraine war update: what we know on day...	07
167	From 27 Jul 2022 17.47 Russia will not manage ...	Russia will not take Donbas in 'immediate futu...	27
169	The battle for Sloviansk is likely to be the n...	Russia-Ukraine war update: what we know on day...	06
171	From 26 Jul 2022 21.35 Zelenskiy accuses Russi...	Zelenskiy accuses Russia of using rising gas p...	27
178	From 3 Jul 2022 19.09 Ukrainian forces withdra...	Ukrainian forces retreat from Lysychansk as Ru...	04

71 rows × 3 columns

```
In [16]: rsuk[rsuk['Month']=='08'][['articles','headlines','Day']]
```

```
Out[16]:
```

	articles	headlines	Day
0	Simon Jenkins (The rouble is soaring and Putin...	Sanctions against Russia are not backfiring ...	01
2	Who exactly is the enemy currently laying wast...	Nightlands review – talking through what's bec...	05
3	The role of American intelligence in the war i...	Russia claims US 'directly involved' in Ukrain...	02
19	A ship carrying Ukrainian grain has left the p...	Grain ship leaves Ukraine port for first time ...	01
41	Russia will introduce duty-free shops selling ...	Russia to open duty-free shops selling western...	03
42	The first shipment of grain to leave Ukraine u...	Russia-Ukraine war: what we know on day 161 of...	03
43	Ukraine has accused Russian forces of strikes ...	Russia-Ukraine war: what we know on day 163 of...	05
44	Ukraine has accused Russian forces of strikes ...	Russia-Ukraine war: what we know on day 164 of...	06
48	Eight people have been killed and four have be...	Russia-Ukraine war: what we know on day 162 of...	04
75	The mayor of Mykolaiv has said an attack on me...	Russia-Ukraine war latest: what we know on day...	01
76	The US announced on Monday a new tranche of we...	Russia-Ukraine war latest: what we know on day...	02
77	Russia has banned 39 senior British politician...	Keir Starmer and Piers Morgan among new list o...	01
78	The US announced on Monday a new tranche of we...	Russia-Ukraine war latest: what we know on day...	02
79	Russia has banned 39 senior British politician...	Keir Starmer and Piers Morgan among new list o...	01
152	Russia is ready to discuss a prisoner swap for...	Russia 'ready to discuss' prisoner swap but wi...	05

As we can observe that Russia Ukraine war news published by newspaper maximum on month of june and lowest in the month of February..... As we know the invasion begins at 24th Feb of 2022 and from that day first news came up and slowly as the invasion progresses the news comes a lot.

```
In [17]: month_wise_news_count=rsuk.pivot_table(index=['Month'],values=['articles'],columns=month_wise_news_count)
```

Out[17]:

		articles																
Day		01	02	03	04	05	06	07	08	09	10	...	22	23	24	25	26	
Month																		
	02	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	...	NaN	NaN	3.0	NaN	NaN	
	03	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	2.0	...	NaN	NaN	NaN	NaN	NaN	
	04	NaN	NaN	NaN	1.0	NaN	NaN	NaN	NaN	NaN	NaN	...	1.0	NaN	NaN	1.0	2.0	
	05	NaN	2.0	NaN	1.0	1.0	1.0	NaN	1.0	1.0	1.0	...	1.0	1.0	NaN	NaN	1.0	
	06	1.0	NaN	NaN	1.0	1.0	1.0	1.0	1.0	NaN	4.0	...	3.0	2.0	6.0	2.0	1.0	
	07	2.0	2.0	2.0	4.0	2.0	1.0	3.0	6.0	1.0	2.0	...	2.0	4.0	1.0	1.0	5.0	
	08	5.0	3.0	2.0	1.0	3.0	1.0	NaN	NaN	NaN	NaN	...	NaN	NaN	NaN	NaN	NaN	

7 rows × 31 columns



From here we clearly spotted on 24th feb 2022 Invasion begins and that day the first news comes out and and most no of news comes out on this international matter by this News Agency on 27th july which 7 news on that day.

By the help of this pivot table we can also observe how many news comes out by this News Agency each day from 24th Feb to till date. We can say on the basis of data counting on articles written on this international matter most of the day of each month the News Agency publish 1 or 2 news about this.