Rachel Merendino

IS 392

Web Crawler Report

February 17, 2021

**Topic: Covid-19 in the US**

**Seed URL’s:**

[**https://en.wikipedia.org/wiki/2020\_in\_the\_United\_States**](https://en.wikipedia.org/wiki/2020_in_the_United_States)

[**https://en.wikipedia.org/wiki/COVID-19\_pandemic**](https://en.wikipedia.org/wiki/COVID-19_pandemic)

**Related Terms:**

Covid, coronavirus, pandemic, death, Trump, 2020, election, Biden, cases, vaccine

**How to the Crawler Works:**

The crawler starts by added the 2 seed urls provided to the ‘queue’ and ‘visitedUrlList’. It then enters a while loop. This loop takes the first item of the queue, deletes it, and extracts the page text. The program then goes to a for loop to check for related terms. If the page text that was extracted previously contains 2 of the related terms given, the program saves the url title and content to and html site in my specified: ‘crawled urls’ folder. After the urls are saved to the folder, the urls are added to the ‘savedUrlList’ and the pageCounter is increased by 1. The pageCounter keeps track of how many pages were saved so that when the pageCounter reaches 500, the program will end. Once the urls are saved to the folder, the program extracts the all of the url’s from the seed url. It then reformats the relative url to the complete url. If the url is a valid Wikipedia page and it is not in the ‘visitedUrlList’, it will be added to the queue. It will then go back to the while loop and for loop to extract the content and save it, if it contains 2 related terms. Finally, the program saves all of the urls in the ‘savedUrlList’ to a text file. The crawler saves and returns the 500 pages listed below.

**Crawled Page Url’s:**

1: https://en.wikipedia.org/wiki/2020\_in\_the\_United\_States

2: https://en.wikipedia.org/wiki/COVID-19\_pandemic

3: https://en.wikipedia.org/wiki/2019\_in\_the\_United\_States

4: https://en.wikipedia.org/wiki/2018\_in\_the\_United\_States

5: https://en.wikipedia.org/wiki/2017\_in\_the\_United\_States

6: https://en.wikipedia.org/wiki/AD\_2020

7: https://en.wikipedia.org/wiki/United\_States

8: https://en.wikipedia.org/wiki/2021\_in\_the\_United\_States

9: https://en.wikipedia.org/wiki/AD\_2022

10: https://en.wikipedia.org/wiki/AD\_2023

11: https://en.wikipedia.org/wiki/Category:2000s\_in\_the\_United\_States

12: https://en.wikipedia.org/wiki/Category:2010s\_in\_the\_United\_States

13: https://en.wikipedia.org/wiki/Category:2020s\_in\_the\_United\_States

14: https://en.wikipedia.org/wiki/History\_of\_the\_United\_States\_(2008%E2%80%93present)

15: https://en.wikipedia.org/wiki/Timeline\_of\_United\_States\_history\_(2010%E2%80%93present)

16: https://en.wikipedia.org/wiki/2010\_in\_the\_United\_States

17: https://en.wikipedia.org/wiki/2011\_in\_the\_United\_States

18: https://en.wikipedia.org/wiki/2012\_in\_the\_United\_States

19: https://en.wikipedia.org/wiki/2013\_in\_the\_United\_States

20: https://en.wikipedia.org/wiki/2014\_in\_the\_United\_States

21: https://en.wikipedia.org/wiki/2015\_in\_the\_United\_States

22: https://en.wikipedia.org/wiki/2016\_in\_the\_United\_States

23: https://en.wikipedia.org/wiki/2017\_in\_the\_United\_States

24: https://en.wikipedia.org/wiki/2018\_in\_the\_United\_States

25: https://en.wikipedia.org/wiki/2019\_in\_the\_United\_States

26: https://en.wikipedia.org/wiki/2021\_in\_the\_United\_States

27: https://en.wikipedia.org/wiki/2018\_in\_United\_States\_politics\_and\_government

28: https://en.wikipedia.org/wiki/2019\_in\_United\_States\_politics\_and\_government

29: https://en.wikipedia.org/wiki/2020\_in\_United\_States\_politics\_and\_government

30: https://en.wikipedia.org/wiki/2021\_in\_United\_States\_politics\_and\_government

31: https://en.wikipedia.org/wiki/2020\_in\_art

32: https://en.wikipedia.org/wiki/2020\_in\_archaeology

33: https://en.wikipedia.org/wiki/2020\_in\_architecture

34: https://en.wikipedia.org/wiki/2020\_in\_literature

35: https://en.wikipedia.org/wiki/2020\_in\_music

36: https://en.wikipedia.org/wiki/2020\_in\_philosophy

37: https://en.wikipedia.org/wiki/2020\_in\_science

38: https://en.wikipedia.org/wiki/Category:2020

39: https://en.wikipedia.org/wiki/COVID-19\_pandemic

40: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States

41: https://en.wikipedia.org/wiki/George\_Floyd\_protests

42: https://en.wikipedia.org/wiki/Economic\_impact\_of\_the\_COVID-19\_pandemic\_in\_the\_United\_States

43: https://en.wikipedia.org/wiki/President\_of\_the\_United\_States

44: https://en.wikipedia.org/wiki/Donald\_Trump

45: https://en.wikipedia.org/wiki/Republican\_Party\_(United\_States)

46: https://en.wikipedia.org/wiki/New\_York\_(state)

47: https://en.wikipedia.org/wiki/Vice\_President\_of\_the\_United\_States

48: https://en.wikipedia.org/wiki/Mike\_Pence

49: https://en.wikipedia.org/wiki/Indiana

50: https://en.wikipedia.org/wiki/Chief\_Justice\_of\_the\_United\_States

51: https://en.wikipedia.org/wiki/John\_Roberts

52: https://en.wikipedia.org/wiki/New\_York\_(state)

53: https://en.wikipedia.org/wiki/Speaker\_of\_the\_United\_States\_House\_of\_Representatives

54: https://en.wikipedia.org/wiki/Nancy\_Pelosi

55: https://en.wikipedia.org/wiki/Democratic\_Party\_(United\_States)

56: https://en.wikipedia.org/wiki/California

57: https://en.wikipedia.org/wiki/Party\_leaders\_of\_the\_United\_States\_Senate

58: https://en.wikipedia.org/wiki/Mitch\_McConnell

59: https://en.wikipedia.org/wiki/Kentucky

60: https://en.wikipedia.org/wiki/United\_States\_Congress

61: https://en.wikipedia.org/wiki/116th\_United\_States\_Congress

62: https://en.wikipedia.org/wiki/Governor\_(United\_States)

63: https://en.wikipedia.org/wiki/Lieutenant\_governor\_(United\_States)

64: https://en.wikipedia.org/wiki/List\_of\_current\_United\_States\_governors

65: https://en.wikipedia.org/wiki/Governor\_of\_Alabama

66: https://en.wikipedia.org/wiki/Kay\_Ivey

67: https://en.wikipedia.org/wiki/Republican\_Party\_(United\_States)

68: https://en.wikipedia.org/wiki/Governor\_of\_Alaska

69: https://en.wikipedia.org/wiki/Mike\_Dunleavy\_(politician)

70: https://en.wikipedia.org/wiki/Governor\_of\_Arizona

71: https://en.wikipedia.org/wiki/Doug\_Ducey

72: https://en.wikipedia.org/wiki/Governor\_of\_Arkansas

73: https://en.wikipedia.org/wiki/Asa\_Hutchinson

74: https://en.wikipedia.org/wiki/Governor\_of\_California

75: https://en.wikipedia.org/wiki/Gavin\_Newsom

76: https://en.wikipedia.org/wiki/Democratic\_Party\_(United\_States)

77: https://en.wikipedia.org/wiki/Governor\_of\_Colorado

78: https://en.wikipedia.org/wiki/Jared\_Polis

79: https://en.wikipedia.org/wiki/Governor\_of\_Connecticut

80: https://en.wikipedia.org/wiki/Ned\_Lamont

81: https://en.wikipedia.org/wiki/Governor\_of\_Delaware

82: https://en.wikipedia.org/wiki/John\_Carney\_(politician)

83: https://en.wikipedia.org/wiki/Governor\_of\_Florida

84: https://en.wikipedia.org/wiki/Ron\_DeSantis

85: https://en.wikipedia.org/wiki/Governor\_of\_Georgia

86: https://en.wikipedia.org/wiki/Brian\_Kemp

87: https://en.wikipedia.org/wiki/Governor\_of\_Hawaii

88: https://en.wikipedia.org/wiki/David\_Ige

89: https://en.wikipedia.org/wiki/Governor\_of\_Idaho

90: https://en.wikipedia.org/wiki/Brad\_Little\_(politician)

91: https://en.wikipedia.org/wiki/Governor\_of\_Illinois

92: https://en.wikipedia.org/wiki/J.\_B.\_Pritzker

93: https://en.wikipedia.org/wiki/Governor\_of\_Indiana

94: https://en.wikipedia.org/wiki/Eric\_Holcomb

95: https://en.wikipedia.org/wiki/Governor\_of\_Iowa

96: https://en.wikipedia.org/wiki/Kim\_Reynolds

97: https://en.wikipedia.org/wiki/Laura\_Kelly

98: https://en.wikipedia.org/wiki/Governor\_of\_Kentucky

99: https://en.wikipedia.org/wiki/Andy\_Beshear

100: https://en.wikipedia.org/wiki/Governor\_of\_Louisiana

101: https://en.wikipedia.org/wiki/John\_Bel\_Edwards

102: https://en.wikipedia.org/wiki/Governor\_of\_Maine

103: https://en.wikipedia.org/wiki/Janet\_Mills

104: https://en.wikipedia.org/wiki/Governor\_of\_Maryland

105: https://en.wikipedia.org/wiki/Larry\_Hogan

106: https://en.wikipedia.org/wiki/Governor\_of\_Massachusetts

107: https://en.wikipedia.org/wiki/Charlie\_Baker

108: https://en.wikipedia.org/wiki/Governor\_of\_Michigan

109: https://en.wikipedia.org/wiki/Gretchen\_Whitmer

110: https://en.wikipedia.org/wiki/Governor\_of\_Mississippi

111: https://en.wikipedia.org/wiki/Phil\_Bryant

112: https://en.wikipedia.org/wiki/Tate\_Reeves

113: https://en.wikipedia.org/wiki/Governor\_of\_Missouri

114: https://en.wikipedia.org/wiki/Mike\_Parson

115: https://en.wikipedia.org/wiki/Governor\_of\_Minnesota

116: https://en.wikipedia.org/wiki/Tim\_Walz

117: https://en.wikipedia.org/wiki/Governor\_of\_Montana

118: https://en.wikipedia.org/wiki/Steve\_Bullock\_(American\_politician)

119: https://en.wikipedia.org/wiki/Governor\_of\_Nebraska

120: https://en.wikipedia.org/wiki/Pete\_Ricketts

121: https://en.wikipedia.org/wiki/Governor\_of\_Nevada

122: https://en.wikipedia.org/wiki/Steve\_Sisolak

123: https://en.wikipedia.org/wiki/Governor\_of\_New\_Hampshire

124: https://en.wikipedia.org/wiki/Chris\_Sununu

125: https://en.wikipedia.org/wiki/Governor\_of\_New\_Jersey

126: https://en.wikipedia.org/wiki/Phil\_Murphy

127: https://en.wikipedia.org/wiki/Governor\_of\_New\_Mexico

128: https://en.wikipedia.org/wiki/Michelle\_Lujan\_Grisham

129: https://en.wikipedia.org/wiki/Governor\_of\_New\_York

130: https://en.wikipedia.org/wiki/Andrew\_Cuomo

131: https://en.wikipedia.org/wiki/Roy\_Cooper

132: https://en.wikipedia.org/wiki/Governor\_of\_North\_Dakota

133: https://en.wikipedia.org/wiki/Doug\_Burgum

134: https://en.wikipedia.org/wiki/Governor\_of\_Ohio

135: https://en.wikipedia.org/wiki/Mike\_DeWine

136: https://en.wikipedia.org/wiki/Governor\_of\_Oklahoma

137: https://en.wikipedia.org/wiki/Kevin\_Stitt

138: https://en.wikipedia.org/wiki/Governor\_of\_Oregon

139: https://en.wikipedia.org/wiki/Kate\_Brown

140: https://en.wikipedia.org/wiki/Governor\_of\_Pennsylvania

141: https://en.wikipedia.org/wiki/Tom\_Wolf

142: https://en.wikipedia.org/wiki/Gina\_Raimondo

143: https://en.wikipedia.org/wiki/Governor\_of\_South\_Carolina

144: https://en.wikipedia.org/wiki/Henry\_McMaster

145: https://en.wikipedia.org/wiki/Kristi\_Noem

146: https://en.wikipedia.org/wiki/Governor\_of\_Tennessee

147: https://en.wikipedia.org/wiki/Bill\_Lee\_(Tennessee\_politician)

148: https://en.wikipedia.org/wiki/Governor\_of\_Texas

149: https://en.wikipedia.org/wiki/Greg\_Abbott

150: https://en.wikipedia.org/wiki/Governor\_of\_Utah

151: https://en.wikipedia.org/wiki/Gary\_Herbert

152: https://en.wikipedia.org/wiki/Governor\_of\_Vermont

153: https://en.wikipedia.org/wiki/Phil\_Scott\_(politician)

154: https://en.wikipedia.org/wiki/Governor\_of\_Virginia

155: https://en.wikipedia.org/wiki/Ralph\_Northam

156: https://en.wikipedia.org/wiki/Governor\_of\_Washington

157: https://en.wikipedia.org/wiki/Jay\_Inslee

158: https://en.wikipedia.org/wiki/Governor\_of\_West\_Virginia

159: https://en.wikipedia.org/wiki/Jim\_Justice

160: https://en.wikipedia.org/wiki/Governor\_of\_Wisconsin

161: https://en.wikipedia.org/wiki/Tony\_Evers

162: https://en.wikipedia.org/wiki/Mark\_Gordon\_(politician)

163: https://en.wikipedia.org/wiki/List\_of\_current\_United\_States\_lieutenant\_governors

164: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Alabama

165: https://en.wikipedia.org/wiki/Will\_Ainsworth

166: https://en.wikipedia.org/wiki/Republican\_Party\_(United\_States)

167: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Alaska

168: https://en.wikipedia.org/wiki/Kevin\_Meyer\_(politician)

169: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Arkansas

170: https://en.wikipedia.org/wiki/Tim\_Griffin

171: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_California

172: https://en.wikipedia.org/wiki/Eleni\_Kounalakis

173: https://en.wikipedia.org/wiki/Democratic\_Party\_(United\_States)

174: https://en.wikipedia.org/wiki/Dianne\_Primavera

175: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Connecticut

176: https://en.wikipedia.org/wiki/Susan\_Bysiewicz

177: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Delaware

178: https://en.wikipedia.org/wiki/Bethany\_Hall-Long

179: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Florida

180: https://en.wikipedia.org/wiki/Jeanette\_Nunez

181: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Georgia

182: https://en.wikipedia.org/wiki/Geoff\_Duncan

183: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Hawaii

184: https://en.wikipedia.org/wiki/Josh\_Green\_(politician)

185: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Idaho

186: https://en.wikipedia.org/wiki/Janice\_McGeachin

187: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Illinois

188: https://en.wikipedia.org/wiki/Juliana\_Stratton

189: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Indiana

190: https://en.wikipedia.org/wiki/Suzanne\_Crouch

191: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Iowa

192: https://en.wikipedia.org/wiki/Adam\_Gregg

193: https://en.wikipedia.org/wiki/Lynn\_Rogers\_(politician)

194: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Kentucky

195: https://en.wikipedia.org/wiki/Jacqueline\_Coleman

196: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Louisiana

197: https://en.wikipedia.org/wiki/Billy\_Nungesser

198: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Maryland

199: https://en.wikipedia.org/wiki/Boyd\_Rutherford

200: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Massachusetts

201: https://en.wikipedia.org/wiki/Karyn\_Polito

202: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Michigan

203: https://en.wikipedia.org/wiki/Garlin\_Gilchrist

204: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Minnesota

205: https://en.wikipedia.org/wiki/Peggy\_Flanagan

206: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Mississippi

207: https://en.wikipedia.org/wiki/Tate\_Reeves

208: https://en.wikipedia.org/wiki/Delbert\_Hosemann

209: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Missouri

210: https://en.wikipedia.org/wiki/Mike\_Kehoe

211: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Montana

212: https://en.wikipedia.org/wiki/Mike\_Cooney

213: https://en.wikipedia.org/wiki/Mike\_Foley\_(Nebraska\_politician)

214: https://en.wikipedia.org/wiki/Kate\_Marshall

215: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_New\_Jersey

216: https://en.wikipedia.org/wiki/Sheila\_Oliver

217: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_New\_Mexico

218: https://en.wikipedia.org/wiki/Howie\_Morales

219: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_New\_York

220: https://en.wikipedia.org/wiki/Kathy\_Hochul

221: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_North\_Carolina

222: https://en.wikipedia.org/wiki/Dan\_Forest

223: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_North\_Dakota

224: https://en.wikipedia.org/wiki/Brent\_Sanford

225: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Ohio

226: https://en.wikipedia.org/wiki/Jon\_A.\_Husted

227: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Oklahoma

228: https://en.wikipedia.org/wiki/Matt\_Pinnell

229: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Pennsylvania

230: https://en.wikipedia.org/wiki/John\_Fetterman\_(politician)

231: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Rhode\_Island

232: https://en.wikipedia.org/wiki/Daniel\_McKee

233: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_South\_Carolina

234: https://en.wikipedia.org/wiki/Pamela\_Evette

235: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_South\_Dakota

236: https://en.wikipedia.org/wiki/Larry\_Rhoden

237: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Tennessee

238: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Texas

239: https://en.wikipedia.org/wiki/Dan\_Patrick\_(politician)

240: https://en.wikipedia.org/wiki/Spencer\_Cox\_(politician)

241: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Vermont

242: https://en.wikipedia.org/wiki/David\_Zuckerman\_(politician)

243: https://en.wikipedia.org/wiki/Vermont\_Progressive\_Party

244: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Virginia

245: https://en.wikipedia.org/wiki/Justin\_Fairfax

246: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Washington

247: https://en.wikipedia.org/wiki/Cyrus\_Habib

248: https://en.wikipedia.org/wiki/Lieutenant\_Governor\_of\_Wisconsin

249: https://en.wikipedia.org/wiki/Mandela\_Barnes

250: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States

251: https://en.wikipedia.org/wiki/2020%E2%80%932021\_United\_States\_racial\_unrest

252: https://en.wikipedia.org/wiki/2020\_United\_States\_elections

253: https://en.wikipedia.org/wiki/January\_1

254: https://en.wikipedia.org/wiki/2019%E2%80%932021\_Persian\_Gulf\_crisis

255: https://en.wikipedia.org/wiki/Embassy\_of\_the\_United\_States,\_Baghdad

256: https://en.wikipedia.org/wiki/Attack\_on\_the\_United\_States\_embassy\_in\_Baghdad

257: https://en.wikipedia.org/wiki/Recreational\_drug\_use

258: https://en.wikipedia.org/wiki/Illinois

259: https://en.wikipedia.org/wiki/Public\_domain\_in\_the\_United\_States

260: https://en.wikipedia.org/wiki/January\_3

261: https://en.wikipedia.org/wiki/Donald\_Trump

262: https://en.wikipedia.org/wiki/Assassination\_of\_Qasem\_Soleimani

263: https://en.wikipedia.org/wiki/Iran

264: https://en.wikipedia.org/wiki/Qasem\_Soleimani

265: https://en.wikipedia.org/wiki/Abu\_Mahdi\_al-Muhandis

266: https://en.wikipedia.org/wiki/Baghdad

267: https://en.wikipedia.org/wiki/January\_5

268: https://en.wikipedia.org/wiki/77th\_Golden\_Globe\_Awards

269: https://en.wikipedia.org/wiki/Beverly\_Hills,\_California

270: https://en.wikipedia.org/wiki/January\_6

271: https://en.wikipedia.org/wiki/Harvey\_Weinstein

272: https://en.wikipedia.org/wiki/Los\_Angeles

273: https://en.wikipedia.org/wiki/January\_8

274: https://en.wikipedia.org/wiki/Operation\_Martyr\_Soleimani

275: https://en.wikipedia.org/wiki/Cancer

276: https://en.wikipedia.org/wiki/January\_9

277: https://en.wikipedia.org/wiki/United\_States\_House\_of\_Representatives

278: https://en.wikipedia.org/wiki/War\_Powers\_Resolution#Iran\_2020

279: https://en.wikipedia.org/wiki/United\_States\_Department\_of\_Justice

280: https://en.wikipedia.org/wiki/United\_States\_Secretary\_of\_State

281: https://en.wikipedia.org/wiki/Hillary\_Clinton

282: https://en.wikipedia.org/wiki/January\_10

283: https://en.wikipedia.org/wiki/Great\_Recession

284: https://en.wikipedia.org/wiki/January\_11

285: https://en.wikipedia.org/wiki/Puerto\_Rico

286: https://en.wikipedia.org/wiki/2019%E2%80%9320\_Puerto\_Rico\_earthquakes

287: https://en.wikipedia.org/wiki/Southern\_United\_States

288: https://en.wikipedia.org/wiki/January\_14

289: https://en.wikipedia.org/wiki/2020\_Democratic\_Party\_presidential\_debates

290: https://en.wikipedia.org/wiki/Des\_Moines,\_Iowa

291: https://en.wikipedia.org/wiki/Women%27s\_National\_Basketball\_Association

292: https://en.wikipedia.org/wiki/Maternity\_leave\_in\_the\_United\_States

293: https://en.wikipedia.org/wiki/Shanghai

294: https://en.wikipedia.org/wiki/Los\_Angeles\_International\_Airport

295: https://en.wikipedia.org/wiki/January\_15

296: https://en.wikipedia.org/wiki/Liu\_He\_(politician)

297: https://en.wikipedia.org/wiki/China%E2%80%93United\_States\_trade\_war#2020

298: https://en.wikipedia.org/wiki/Washington,\_D.C.

299: https://en.wikipedia.org/wiki/January\_16

300: https://en.wikipedia.org/wiki/First\_impeachment\_trial\_of\_Donald\_Trump

301: https://en.wikipedia.org/wiki/U.S.\_Senate

302: https://en.wikipedia.org/wiki/January\_20

303: https://en.wikipedia.org/wiki/Right\_to\_keep\_and\_bear\_arms\_in\_the\_United\_States

304: https://en.wikipedia.org/wiki/2020\_VCDL\_Lobby\_Day

305: https://en.wikipedia.org/wiki/Virginia\_State\_Capitol

306: https://en.wikipedia.org/wiki/Richmond,\_Virginia

307: https://en.wikipedia.org/wiki/January\_21

308: https://en.wikipedia.org/wiki/COVID-19\_pandemic

309: https://en.wikipedia.org/wiki/Coronavirus\_disease\_2019

310: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States

311: https://en.wikipedia.org/wiki/Centers\_for\_Disease\_Control\_and\_Prevention

312: https://en.wikipedia.org/wiki/January\_22

313: https://en.wikipedia.org/wiki/History\_of\_the\_Oakland\_Raiders

314: https://en.wikipedia.org/wiki/Las\_Vegas

315: https://en.wikipedia.org/wiki/Nevada

316: https://en.wikipedia.org/wiki/January\_24

317: https://en.wikipedia.org/wiki/March\_for\_Life\_(Washington,\_D.C.)

318: https://en.wikipedia.org/wiki/January\_26

319: https://en.wikipedia.org/wiki/2020\_Calabasas\_helicopter\_crash

320: https://en.wikipedia.org/wiki/Calabasas,\_California

321: https://en.wikipedia.org/wiki/Kobe\_Bryant

322: https://en.wikipedia.org/wiki/62nd\_Annual\_Grammy\_Awards

323: https://en.wikipedia.org/wiki/Los\_Angeles

324: https://en.wikipedia.org/wiki/California

325: https://en.wikipedia.org/wiki/Alicia\_Keys

326: https://en.wikipedia.org/wiki/January\_29

327: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States

328: https://en.wikipedia.org/wiki/White\_House\_Coronavirus\_Task\_Force

329: https://en.wikipedia.org/wiki/United\_States%E2%80%93Mexico%E2%80%93Canada\_Agreement

330: https://en.wikipedia.org/wiki/January\_30

331: https://en.wikipedia.org/wiki/January\_31

332: https://en.wikipedia.org/wiki/Trump\_travel\_ban

333: https://en.wikipedia.org/wiki/Eritrea

334: https://en.wikipedia.org/wiki/Kyrgyzstan

335: https://en.wikipedia.org/wiki/Myanmar

336: https://en.wikipedia.org/wiki/Nigeria

337: https://en.wikipedia.org/wiki/Sudan

338: https://en.wikipedia.org/wiki/Tanzania

339: https://en.wikipedia.org/wiki/Human\_trafficking\_in\_the\_United\_States

340: https://en.wikipedia.org/wiki/White\_House

341: https://en.wikipedia.org/wiki/February\_2

342: https://en.wikipedia.org/wiki/Super\_Bowl\_LIV

343: https://en.wikipedia.org/wiki/Kansas\_City\_Chiefs

344: https://en.wikipedia.org/wiki/San\_Francisco\_49ers

345: https://en.wikipedia.org/wiki/Jennifer\_Lopez

346: https://en.wikipedia.org/wiki/Shakira

347: https://en.wikipedia.org/wiki/Super\_Bowl\_LIV\_halftime\_show

348: https://en.wikipedia.org/wiki/February\_3

349: https://en.wikipedia.org/wiki/Iowa

350: https://en.wikipedia.org/wiki/2020\_Iowa\_Democratic\_presidential\_caucuses

351: https://en.wikipedia.org/wiki/2020\_Iowa\_Republican\_presidential\_caucuses

352: https://en.wikipedia.org/wiki/Shadow\_Inc.#IowaReporterApp

353: https://en.wikipedia.org/wiki/February\_4

354: https://en.wikipedia.org/wiki/2020\_State\_of\_the\_Union\_Address

355: https://en.wikipedia.org/wiki/Juan\_Guaid%C3%B3

356: https://en.wikipedia.org/wiki/Rush\_Limbaugh

357: https://en.wikipedia.org/wiki/Presidential\_Medal\_of\_Freedom

358: https://en.wikipedia.org/wiki/February\_5

359: https://en.wikipedia.org/wiki/First\_impeachment\_trial\_of\_Donald\_Trump

360: https://en.wikipedia.org/wiki/Abuse\_of\_power

361: https://en.wikipedia.org/wiki/Contempt\_of\_Congress

362: https://en.wikipedia.org/wiki/Utah

363: https://en.wikipedia.org/wiki/Mitt\_Romney

364: https://en.wikipedia.org/wiki/February\_6

365: https://en.wikipedia.org/wiki/National\_Highway\_Traffic\_Safety\_Administration

366: https://en.wikipedia.org/wiki/Nuro

367: https://en.wikipedia.org/wiki/Vehicular\_automation

368: https://en.wikipedia.org/wiki/February\_9

369: https://en.wikipedia.org/wiki/92nd\_Academy\_Awards

370: https://en.wikipedia.org/wiki/Hollywood

371: https://en.wikipedia.org/wiki/Bong\_Joon-ho

372: https://en.wikipedia.org/wiki/Parasite\_(2019\_film)

373: https://en.wikipedia.org/wiki/South\_Korea

374: https://en.wikipedia.org/wiki/February\_10

375: https://en.wikipedia.org/wiki/J.\_C.\_Watts

376: https://en.wikipedia.org/wiki/February\_11

377: https://en.wikipedia.org/wiki/New\_Hampshire\_primary#2020

378: https://en.wikipedia.org/wiki/February\_13

379: https://en.wikipedia.org/wiki/McClatchy

380: https://en.wikipedia.org/wiki/Chapter\_11,\_Title\_11,\_United\_States\_Code

381: https://en.wikipedia.org/wiki/February\_17

382: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_on\_Diamond\_Princess

383: https://en.wikipedia.org/wiki/COVID-19

384: https://en.wikipedia.org/wiki/Boy\_Scouts\_of\_America

385: https://en.wikipedia.org/wiki/Pier\_1\_(retail\_chain)

386: https://en.wikipedia.org/wiki/Canada

387: https://en.wikipedia.org/wiki/Amazon\_(company)

388: https://en.wikipedia.org/wiki/Jeff\_Bezos

389: https://en.wikipedia.org/wiki/Climate\_change

390: https://en.wikipedia.org/wiki/February\_19

391: https://en.wikipedia.org/wiki/Utah\_State\_Senate

392: https://en.wikipedia.org/wiki/Polygamy

393: https://en.wikipedia.org/wiki/February\_20

394: https://en.wikipedia.org/wiki/Political\_consulting

395: https://en.wikipedia.org/wiki/Roger\_Stone

396: https://en.wikipedia.org/wiki/February\_21

397: https://en.wikipedia.org/wiki/Wells\_Fargo\_account\_fraud\_scandal

398: https://en.wikipedia.org/wiki/Hunters\_(2020\_TV\_series)

399: https://en.wikipedia.org/wiki/Amazon\_Video

400: https://en.wikipedia.org/wiki/February\_22

401: https://en.wikipedia.org/wiki/2020\_Nevada\_Democratic\_presidential\_caucuses

402: https://en.wikipedia.org/wiki/2020\_Republican\_Party\_presidential\_primaries#Cancellation\_of\_state\_caucuses\_or\_primaries

403: https://en.wikipedia.org/wiki/February\_23

404: https://en.wikipedia.org/wiki/Killing\_of\_Ahmaud\_Arbery

405: https://en.wikipedia.org/wiki/Glynn\_County,\_Georgia

406: https://en.wikipedia.org/wiki/February\_24

407: https://en.wikipedia.org/wiki/Harvey\_Weinstein

408: https://en.wikipedia.org/wiki/Harvey\_Weinstein\_sexual\_abuse\_cases

409: https://en.wikipedia.org/wiki/February\_25

410: https://en.wikipedia.org/wiki/Seattle

411: https://en.wikipedia.org/wiki/February\_27

412: https://en.wikipedia.org/wiki/Dow\_Jones\_Industrial\_Average

413: https://en.wikipedia.org/wiki/David\_H.\_Berger

414: https://en.wikipedia.org/wiki/Confederate\_States\_of\_America

415: https://en.wikipedia.org/wiki/United\_States\_Marine\_Corps

416: https://en.wikipedia.org/wiki/List\_of\_mayors\_of\_Baltimore

417: https://en.wikipedia.org/wiki/Catherine\_Pugh

418: https://en.wikipedia.org/wiki/February\_29

419: https://en.wikipedia.org/wiki/Presidency\_of\_Donald\_Trump

420: https://en.wikipedia.org/wiki/Taliban

421: https://en.wikipedia.org/wiki/Afghan\_peace\_process#2020\_agreement

422: https://en.wikipedia.org/wiki/Doha

423: https://en.wikipedia.org/wiki/Qatar

424: https://en.wikipedia.org/wiki/War\_in\_Afghanistan\_(2001%E2%80%93present)

425: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States#February

426: https://en.wikipedia.org/wiki/Washington\_(state)

427: https://en.wikipedia.org/wiki/2020\_South\_Carolina\_Democratic\_presidential\_primary

428: https://en.wikipedia.org/wiki/Tom\_Steyer

429: https://en.wikipedia.org/wiki/March\_1

430: https://en.wikipedia.org/wiki/South\_Bend,\_Indiana

431: https://en.wikipedia.org/wiki/Pete\_Buttigieg

432: https://en.wikipedia.org/wiki/Pete\_Buttigieg\_2020\_presidential\_campaign

433: https://en.wikipedia.org/wiki/March\_2

434: https://en.wikipedia.org/wiki/Tornado\_outbreak\_of\_March\_2%E2%80%933,\_2020

435: https://en.wikipedia.org/wiki/Nashville,\_Tennessee

436: https://en.wikipedia.org/wiki/Amy\_Klobuchar

437: https://en.wikipedia.org/wiki/Amy\_Klobuchar\_2020\_presidential\_campaign

438: https://en.wikipedia.org/wiki/MSNBC

439: https://en.wikipedia.org/wiki/Chris\_Matthews

440: https://en.wikipedia.org/wiki/March\_3

441: https://en.wikipedia.org/wiki/Super\_Tuesday#2020

442: https://en.wikipedia.org/wiki/March\_10

443: https://en.wikipedia.org/wiki/2020\_Democrats\_Abroad\_presidential\_primary

444: https://en.wikipedia.org/wiki/March\_4

445: https://en.wikipedia.org/wiki/COVID-19

446: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_Washington\_(state)

447: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_California

448: https://en.wikipedia.org/wiki/Gavin\_Newsom

449: https://en.wikipedia.org/wiki/New\_York\_City

450: https://en.wikipedia.org/wiki/Michael\_Bloomberg

451: https://en.wikipedia.org/wiki/Michael\_Bloomberg\_2020\_presidential\_campaign

452: https://en.wikipedia.org/wiki/March\_5

453: https://en.wikipedia.org/wiki/Coronavirus\_Preparedness\_and\_Response\_Supplemental\_Appropriations\_Act,\_2020

454: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_the\_United\_States

455: https://en.wikipedia.org/wiki/Arizona\_House\_of\_Representatives

456: https://en.wikipedia.org/wiki/Elizabeth\_Warren

457: https://en.wikipedia.org/wiki/Elizabeth\_Warren\_2020\_presidential\_campaign

458: https://en.wikipedia.org/wiki/March\_6

459: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_Florida

460: https://en.wikipedia.org/wiki/West\_Coast\_of\_the\_United\_States

461: https://en.wikipedia.org/wiki/South\_by\_Southwest

462: https://en.wikipedia.org/wiki/South\_by\_Southwest#2020\_cancellation

463: https://en.wikipedia.org/wiki/March\_7

464: https://en.wikipedia.org/wiki/COVID-19\_pandemic\_in\_Washington,\_D.C.

465: https://en.wikipedia.org/wiki/March\_9

466: https://en.wikipedia.org/wiki/2020\_stock\_market\_crash#Black\_Monday\_I\_(9\_March)

467: https://en.wikipedia.org/wiki/Price\_of\_oil

468: https://en.wikipedia.org/wiki/2020\_Russia%E2%80%93Saudi\_Arabia\_oil\_price\_war

469: https://en.wikipedia.org/wiki/Withdrawal\_of\_U.S.\_troops\_from\_Afghanistan#Plans\_by\_the\_administration\_of\_Donald\_Trump

470: https://en.wikipedia.org/wiki/Afghanistan

471: https://en.wikipedia.org/wiki/March\_10

472: https://en.wikipedia.org/wiki/March\_11

473: https://en.wikipedia.org/wiki/Europe

474: https://en.wikipedia.org/wiki/United\_Kingdom

475: https://en.wikipedia.org/wiki/World\_Health\_Organization

476: https://en.wikipedia.org/wiki/Pandemic

477: https://en.wikipedia.org/wiki/Ireland

478: https://en.wikipedia.org/wiki/Drug\_Enforcement\_Administration

479: https://en.wikipedia.org/wiki/Jalisco\_New\_Generation\_Cartel

480: https://en.wikipedia.org/wiki/Harvey\_Weinstein

481: https://en.wikipedia.org/wiki/March\_12

482: https://en.wikipedia.org/wiki/Metropolitan\_Opera

483: https://en.wikipedia.org/wiki/Carnegie\_Hall

484: https://en.wikipedia.org/wiki/New\_York\_Philharmonic

485: https://en.wikipedia.org/wiki/Governor\_of\_New\_York

486: https://en.wikipedia.org/wiki/Andrew\_Cuomo

487: https://en.wikipedia.org/wiki/Broadway\_theatre

488: https://en.wikipedia.org/wiki/2020\_stock\_market\_crash#Black\_Thursday\_(12\_March)

489: https://en.wikipedia.org/wiki/Whistleblower

490: https://en.wikipedia.org/wiki/Chelsea\_Manning

491: https://en.wikipedia.org/wiki/File:COVID-19\_outbreak\_USA\_per\_capita\_cases\_map.svg

492: https://en.wikipedia.org/wiki/File:COVID-19\_outbreak\_USA\_per\_capita\_cases\_map.svg

493: https://en.wikipedia.org/wiki/March\_13

494: https://en.wikipedia.org/wiki/List\_of\_national\_emergencies\_in\_the\_United\_States

495: https://en.wikipedia.org/wiki/Food\_and\_Drug\_Administration

496: https://en.wikipedia.org/wiki/Hoffmann-La\_Roche

497: https://en.wikipedia.org/wiki/Bill\_Gates

498: https://en.wikipedia.org/wiki/Microsoft

499: https://en.wikipedia.org/wiki/Breonna\_Taylor

500: https://en.wikipedia.org/wiki/Emergency\_medical\_technician