

USA Bird Migration Tables (Synthetic Dataset)

This PDF contains synthetic, float-valued tabular data intended for data analysis demos and model training workflows. The values are simulated and are not real bird migration observations; do not use them for scientific, ecological, or policy conclusions. Tables are rendered as text (not images).

Table 1

Part 1 of 4

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
1	1436.35	42.27	8.23	42.75	44.80
2	2876.79	31.00	22.97	44.52	53.43
3	2329.98	37.80	17.13	49.52	45.84
4	1996.65	51.76	5.18	40.33	40.16
5	890.05	28.73	7.03	36.46	53.58
6	889.99	34.36	18.27	45.90	41.37
7	645.21	46.44	5.10	35.42	44.79
8	2665.44	28.01	8.22	38.78	54.25
9	2002.79	22.69	15.97	31.57	54.26
10	2270.18	30.14	18.84	30.51	48.60
11	551.46	25.64	18.04	49.25	49.48
12	2924.77	52.54	9.49	46.72	46.73
13	2581.11	48.28	19.24	43.92	44.40
14	1030.85	42.17	9.74	38.18	44.93
15	954.56	50.50	11.51	33.47	50.09
16	958.51	48.13	19.93	33.13	51.29
17	1260.61	26.53	17.99	35.00	51.87
18	1811.89	51.24	21.98	40.98	51.84
19	1579.86	38.88	18.15	44.29	41.37
20	1228.07	48.26	16.37	43.20	47.42
21	2029.63	51.36	6.87	35.60	40.86
22	848.73	31.13	12.35	49.10	48.24
23	1230.36	23.85	10.30	44.76	46.62
24	1415.90	27.98	9.88	41.09	53.32
25	1640.17	34.95	24.46	42.23	45.26
26	2462.94	48.63	12.86	38.39	41.76

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
27	999.18	50.13	22.84	34.95	42.14
28	1785.59	20.24	17.62	37.12	51.42
29	1981.04	37.88	20.90	45.16	49.27
30	616.13	34.61	15.05	30.29	41.52

Table 1

Part 2 of 4

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
31	2018.86	27.77	16.54	32.32	41.26
32	926.31	24.20	14.85	30.92	50.51
33	662.63	31.82	8.90	30.81	41.09
34	2872.21	53.00	19.45	47.11	52.33
35	2914.08	31.31	10.62	44.07	50.59
36	2520.99	38.16	5.49	39.48	41.22
37	1261.53	44.61	17.91	31.96	41.27
38	744.18	32.73	8.54	39.83	54.80
39	2210.58	54.01	23.81	39.47	45.61
40	1600.38	53.69	24.08	33.46	45.56
41	805.10	28.81	23.30	38.68	52.19
42	1737.94	37.40	12.40	37.97	54.21
43	585.97	30.53	5.31	42.32	54.79
44	2773.30	29.97	23.57	42.70	51.30
45	1146.95	21.29	13.56	30.91	45.64
46	2156.31	41.33	24.33	37.49	41.25
47	1279.28	37.59	24.27	42.52	51.66
48	1800.17	21.80	22.06	40.06	48.38
49	1866.78	29.75	10.89	47.13	46.36
50	962.14	51.79	12.70	43.17	53.60
51	2923.96	28.38	22.02	33.26	41.67
52	2437.83	25.07	11.34	31.41	47.39
53	2848.75	37.13	8.39	42.85	40.17
54	2737.07	54.50	16.14	30.53	47.03
55	1994.75	28.47	23.72	41.72	40.84
56	2804.69	43.52	18.92	48.80	41.78

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
57	721.23	46.66	16.40	41.51	41.76
58	989.96	28.32	6.94	37.76	49.74
59	613.07	45.49	17.30	42.87	51.19
60	1313.33	32.87	24.80	39.17	48.75

Table 1

Part 3 of 4

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
61	1471.69	42.13	7.80	40.91	54.43
62	1178.37	42.17	15.37	48.83	45.62
63	2571.84	38.75	22.55	37.72	44.29
64	1391.88	23.16	19.82	49.22	53.03
65	1202.34	49.24	18.94	48.11	43.35
66	1856.74	31.23	19.05	33.92	54.45
67	852.31	26.53	12.19	31.39	40.18
68	2505.49	21.43	10.87	32.02	54.55
69	686.38	40.68	21.19	30.36	40.65
70	2967.22	43.71	21.20	31.89	53.37
71	2430.61	20.58	22.34	43.66	47.92
72	996.79	37.92	23.26	31.42	54.89
73	513.81	27.93	15.23	36.38	41.11
74	2538.65	42.58	15.03	46.90	48.31
75	2267.14	26.10	20.97	30.47	54.54
76	2322.52	44.18	18.00	46.29	47.85
77	2428.18	33.54	19.04	35.64	49.44
78	685.11	52.79	20.92	32.36	50.44
79	1396.16	24.81	22.80	43.93	46.82
80	789.67	31.94	11.76	42.58	49.41
81	2657.76	23.97	12.51	47.55	48.76
82	2058.25	52.36	6.88	44.70	53.52
83	1327.25	50.71	16.57	46.07	40.68
84	658.90	29.03	5.72	35.64	44.21
85	1277.46	43.10	14.31	33.55	54.26
86	1312.96	48.60	15.85	45.01	53.35

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
87	2324.02	39.43	10.73	46.14	46.83
88	2093.89	38.54	16.82	49.81	49.30
89	2718.03	28.46	5.61	38.25	44.16
90	1680.54	23.26	5.75	37.44	42.82

Table 1

Part 4 of 4

Row	Distance_miles	AvgSpeed_mph	Stopovers	StartLat_deg	EndLat_deg
91	798.99	51.40	21.45	45.53	46.96
92	2283.11	51.51	12.20	36.82	45.30
93	2401.96	42.16	7.54	48.62	48.75
94	1903.19	31.87	15.44	47.17	41.17
95	2427.42	32.22	20.40	38.58	54.62
96	1734.49	45.41	9.32	45.02	54.79
97	1806.83	51.40	17.46	45.09	50.47
98	1568.85	51.05	6.71	32.06	48.04
99	563.55	47.30	6.03	48.05	44.64
100	769.73	42.47	15.63	40.11	52.21
101	578.57	22.94	15.81	46.53	50.27

Table 2

Part 1 of 4

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
1	832.15	24.60	1009.87	44.02	32.59
2	2590.68	29.66	454.64	37.26	36.81
3	2382.96	34.11	881.50	54.70	30.36
4	2682.03	40.09	960.23	51.78	37.48
5	2155.44	19.26	795.64	37.49	33.19
6	1891.53	43.58	671.58	53.42	36.04
7	1432.87	38.09	611.84	52.40	33.72
8	2641.91	20.62	548.87	45.38	30.89
9	2485.25	45.95	1129.53	46.83	43.97
10	556.26	47.47	1030.62	42.98	40.27
11	511.96	19.95	1165.03	36.10	27.80
12	1334.69	26.86	324.30	41.70	42.37
13	2354.80	43.80	930.87	51.06	34.75
14	2770.10	41.94	1138.34	35.09	42.89
15	803.48	23.90	381.23	41.67	41.00
16	1846.21	24.70	266.50	42.96	33.50
17	1345.09	29.86	941.12	45.75	25.45
18	2729.30	33.50	774.47	53.40	30.37
19	2428.98	37.78	1041.83	41.93	35.83
20	2420.07	29.81	339.77	41.94	37.67
21	1551.43	32.80	995.27	49.75	30.16
22	1424.83	41.92	401.63	44.04	27.79
23	1092.51	19.17	363.66	39.49	41.70
24	582.48	26.08	364.27	44.05	44.69
25	2482.10	40.83	1014.57	37.82	35.51
26	2360.32	46.65	865.20	38.53	28.43

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
27	2799.34	34.37	723.07	44.97	30.45
28	2792.10	35.03	558.83	43.38	25.37
29	1755.26	21.43	1077.20	53.30	43.29
30	2257.12	32.32	592.45	42.25	27.36

Table 2

Part 2 of 4

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
31	2670.20	35.04	1016.60	46.61	36.53
32	2446.67	25.76	639.13	47.65	30.48
33	1031.27	26.62	576.94	35.26	36.08
34	1508.78	30.07	662.68	48.27	38.03
35	753.52	18.64	501.38	38.56	41.59
36	2692.02	28.31	947.61	54.22	29.13
37	1874.51	24.77	702.72	37.97	25.22
38	987.31	28.48	432.21	43.29	27.74
39	2028.50	21.83	1099.57	36.71	43.00
40	1902.60	46.50	583.89	54.94	42.48
41	1291.68	36.99	743.55	45.04	36.95
42	716.86	39.73	1106.47	46.91	37.01
43	2028.20	43.25	824.24	36.34	38.30
44	1672.72	33.95	316.90	50.00	28.51
45	2264.95	20.78	1139.83	39.20	43.29
46	1672.38	35.19	827.71	52.96	33.38
47	2452.63	36.78	534.91	39.10	32.66
48	1746.98	41.85	339.27	38.81	35.38
49	1768.20	31.81	994.03	35.73	25.94
50	2510.14	22.08	820.07	44.44	28.33
51	1398.18	27.08	733.46	46.30	39.76
52	764.94	29.62	1093.89	36.31	26.66
53	517.64	38.67	988.60	50.51	37.06
54	2224.57	36.26	351.67	44.07	29.91
55	1907.73	29.40	511.72	45.49	32.79
56	2104.59	49.57	448.49	43.82	30.77

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
57	950.47	37.38	943.95	43.02	32.11
58	770.47	25.59	233.53	46.19	39.38
59	484.18	21.26	769.89	38.10	30.94
60	1273.88	22.89	962.46	38.64	36.33

Table 2

Part 3 of 4

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
61	1836.31	25.87	1076.77	52.24	34.52
62	1371.77	23.14	542.08	53.92	38.27
63	1478.07	23.97	1021.26	42.47	43.74
64	2574.77	27.12	310.63	40.41	39.65
65	1268.40	23.55	1046.45	47.88	29.30
66	1657.88	46.70	327.49	43.17	25.62
67	2291.58	20.57	597.29	35.51	30.25
68	1381.88	34.78	997.30	38.12	36.90
69	1911.90	31.13	349.92	49.32	26.03
70	2476.55	49.44	429.25	48.18	34.93
71	2681.37	21.59	922.25	35.54	36.94
72	795.62	30.73	920.04	39.44	31.68
73	2627.48	49.02	841.15	39.62	40.42
74	1606.47	45.70	893.95	48.44	27.13
75	1056.87	44.15	742.72	35.39	26.50
76	1528.97	26.25	451.80	37.08	39.56
77	2753.08	23.47	545.70	51.00	34.91
78	1607.65	39.40	381.60	38.57	38.77
79	1222.57	47.74	1108.45	48.05	33.70
80	1938.49	35.82	783.39	39.76	29.93
81	1014.34	36.29	600.85	36.99	41.38
82	628.28	26.96	662.01	39.86	40.99
83	752.87	42.62	1147.28	49.45	38.89
84	750.91	23.99	353.35	52.11	30.44
85	806.97	28.36	786.23	51.60	36.80
86	776.24	31.61	705.89	42.94	32.22

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
87	1956.06	34.24	811.45	48.36	26.83
88	877.42	25.76	218.11	39.10	43.35
89	1262.32	21.67	1072.12	40.86	27.74
90	2557.45	37.54	1132.12	52.93	44.00

Table 2

Part 4 of 4

Row	Distance_miles	AvgSpeed_mph	Energy_kcal	StartLat_deg	EndLat_deg
91	1563.81	27.24	765.13	35.26	33.92
92	2018.76	36.60	896.65	36.71	28.70
93	854.95	22.94	1122.50	39.16	35.84
94	901.88	33.40	907.24	35.53	42.46
95	546.04	35.04	352.54	38.63	39.64
96	847.00	19.66	776.29	46.66	41.13
97	1104.69	28.77	806.72	43.43	38.18
98	865.97	22.30	624.13	52.85	38.85
99	658.45	20.03	936.44	51.35	41.98
100	733.49	49.68	1134.37	41.84	29.99
101	1532.83	28.32	1125.57	40.19	34.79

Table 3

Part 1 of 4

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
1	1.164	10.611	0.493	88.605	0.778
2	3.463	10.595	2.008	75.831	1.143
3	3.332	18.424	1.765	82.525	0.335
4	0.618	19.823	0.630	78.424	0.410
5	2.617	19.502	0.298	85.606	0.707
6	3.276	7.287	1.733	62.857	1.140
7	1.042	26.937	1.671	62.112	0.585
8	2.204	11.640	0.756	68.649	0.757
9	3.246	8.238	2.382	65.584	0.337
10	0.602	27.219	0.463	90.512	0.434
11	2.592	-28.891	1.138	67.672	1.188
12	1.392	26.553	2.365	94.155	1.169
13	3.273	25.238	1.107	71.791	0.304
14	3.413	21.381	1.632	66.374	1.157
15	3.333	18.771	1.054	87.639	0.875
16	1.923	7.175	0.758	83.055	1.081
17	3.086	15.211	2.462	77.437	0.709
18	3.034	14.317	1.082	79.438	0.764
19	1.457	11.494	2.246	85.172	0.740
20	2.987	23.086	0.652	67.996	0.900
21	0.611	17.397	0.611	94.872	0.426
22	2.289	7.026	0.175	94.118	0.327
23	1.190	10.505	1.664	82.761	0.577
24	0.862	22.081	0.984	66.984	0.934
25	0.731	6.903	2.174	83.808	0.482
26	2.589	26.280	1.236	62.527	0.906

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
27	1.520	17.379	2.424	61.073	1.173
28	2.674	17.015	0.545	69.019	0.385
29	0.696	19.810	2.185	76.192	0.905
30	1.446	25.617	1.964	90.390	0.699

Table 3

Part 2 of 4

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
31	2.118	13.695	1.950	85.451	1.081
32	2.872	21.950	2.127	85.995	0.459
33	1.456	19.143	1.926	74.892	0.923
34	2.378	11.676	1.603	72.108	1.054
35	3.158	26.966	0.415	72.986	1.150
36	2.348	24.936	0.178	94.568	0.915
37	1.199	21.461	2.310	61.404	0.747
38	0.573	26.265	1.580	90.346	0.856
39	3.110	26.682	2.012	80.254	1.082
40	0.564	-22.709	1.256	75.352	0.814
41	3.124	25.925	0.382	85.384	0.327
42	2.087	22.437	0.400	77.033	1.138
43	3.317	22.004	1.745	90.570	0.921
44	2.896	20.465	1.133	91.525	0.909
45	3.494	23.818	0.581	74.760	0.494
46	1.552	8.965	1.280	69.689	0.893
47	2.802	27.022	0.254	80.732	0.654
48	1.706	26.796	1.497	91.933	0.886
49	1.940	5.731	0.746	67.373	0.396
50	2.383	25.645	2.014	81.804	0.892
51	3.121	8.222	0.845	82.105	1.199
52	3.452	13.378	1.193	85.659	0.343
53	2.805	23.588	0.128	64.605	1.179
54	1.753	9.019	0.274	85.054	0.666
55	1.764	25.449	1.042	91.816	1.084
56	2.713	25.803	1.252	66.289	1.004

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
57	1.216	17.687	1.540	68.314	0.810
58	0.831	5.160	0.800	93.999	0.965
59	1.564	12.176	1.768	66.334	1.091
60	1.362	20.423	2.164	89.903	0.664

Table 3

Part 3 of 4

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
61	1.389	29.530	1.972	77.230	0.594
62	1.201	20.795	0.195	68.653	0.901
63	0.626	11.495	1.253	90.476	1.027
64	0.554	20.850	0.352	75.586	0.986
65	3.463	18.500	0.681	78.019	1.018
66	1.783	24.496	2.468	72.573	0.692
67	1.653	7.675	0.442	80.753	1.036
68	2.539	24.026	1.297	65.723	0.408
69	1.155	18.532	1.584	73.688	0.790
70	3.350	29.075	1.786	93.929	0.305
71	2.859	13.547	1.443	69.035	0.592
72	0.768	20.816	0.123	82.986	0.630
73	1.753	28.301	0.884	71.382	0.657
74	3.137	7.563	1.343	87.072	0.926
75	3.334	28.431	0.311	64.581	0.650
76	1.902	22.197	0.942	93.944	0.704
77	2.340	6.696	0.180	75.883	0.514
78	1.001	12.524	0.289	68.262	0.636
79	3.474	22.704	1.053	62.572	0.505
80	1.195	6.684	0.419	65.942	0.366
81	3.328	19.554	1.462	78.192	0.843
82	2.449	13.647	1.755	71.795	0.901
83	2.323	20.523	2.021	89.011	0.858
84	2.038	6.144	0.580	75.081	0.717
85	1.192	26.788	0.502	68.705	0.642
86	1.030	29.337	0.351	81.600	1.077

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
87	1.161	29.222	1.627	84.737	0.767
88	1.059	23.741	1.796	65.846	0.731
89	2.839	8.252	0.176	65.867	0.323
90	1.550	23.957	2.347	61.283	0.607

Table 3

Part 4 of 4

Row	RouteDeviation_idx	WindAssist_mph	WeatherDelay_days	HabitatIndex	PredationRisk_idx
91	0.674	5.615	0.225	85.774	0.642
92	3.407	5.553	1.399	83.233	0.659
93	3.151	13.090	1.802	76.612	0.822
94	3.283	17.216	2.190	89.546	0.780
95	3.485	24.260	1.814	88.198	0.847
96	1.022	22.082	2.024	80.487	0.988
97	1.689	16.148	0.915	90.389	1.032
98	2.775	11.841	2.056	67.204	0.946
99	2.588	29.928	0.292	63.917	1.160
100	0.962	15.655	2.248	69.441	0.316
101	2.947	16.285	1.414	61.998	0.476