

Used data: Weather dataset of Finland (2006-2016), [Kaggle](#), weatherhistory.csv

1. Download dataset
2. Open dataset with Tableau (correct option for .csv is Text File)
3. Table sorted by date (ascending)
4. Formatted Date column split and the new columns added: Year, Month, Day

Tableau Public

FileDataWindowHelp

Tableau Public - Book1

weatherHistory

ConnectionsAddweatherHistory.csvFilesUse Data InterpreterData Interpreter might be able to clean your Text file workbook.weather-csv.csvNew UnionNew Table Extension

weatherHistory.csv15 fields 96453 rows

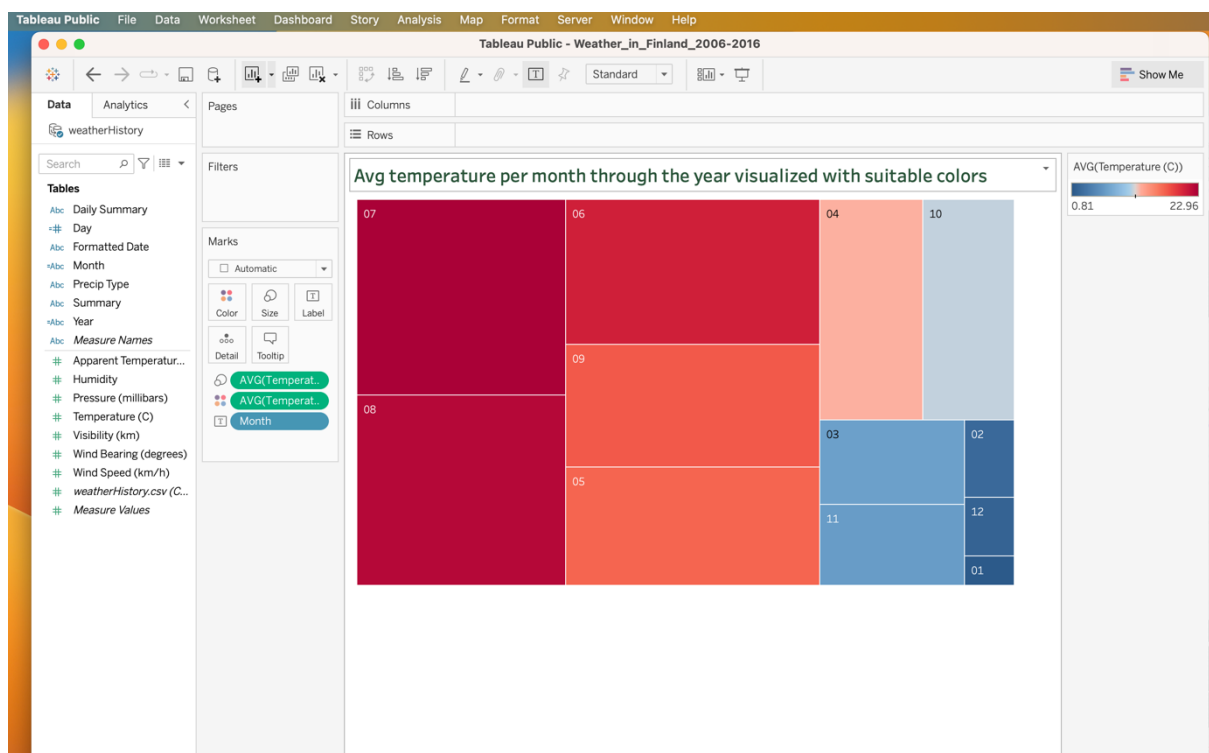
Need more data? Drag tables here to relate them. Learn more

Name	weatherHistory.csv	Formatted Date	Abn weather... S...	Abn weather... P...	Abn weather... T...	weather... A...	weather... H...	weather... W...	weather... W...	weather... V...	weather... L...	weather... P...	Abn weather... D...	Abn Calculation Year	Abn Calculation Month	Abn Calculation Day
2006-01-01 00:00:00.000 +0...	Partly ...	rain	0.57778	-4.0500	0.890...	171143	140.0...	9.9820	0.00	1.016...	Mostl...	2006	01	1		
2006-01-01 01:00:00.000 +0...	Mostl...	rain	1.16111	-3.2389	0.850...	16.6152	139.0...	9.9015	0.00	1.01615	Mostl...	2006	01	1		
2006-01-01 02:00:00.000 +0...	Mostl...	rain	1.66667	-3.1556	0.820...	20.25...	140.0...	9.9015	0.00	1.01587	Mostl...	2006	01	1		
2006-01-01 03:00:00.000 +0...	Overc...	rain	1.71111	-2.1944	0.820...	14.4900	140.0...	9.9015	0.00	1.015...	Mostl...	2006	01	1		
2006-01-01 04:00:00.000 +0...	Mostl...	rain	1.18333	-2.7444	0.860...	13.9426	134.0...	9.9015	0.00	1.014...	Mostl...	2006	01	1		
2006-01-01 05:00:00.000 +0...	Mostl...	rain	1.20556	-3.0722	0.850...	15.9068	149.0...	9.9820	0.00	1.014...	Mostl...	2006	01	1		
2006-01-01 06:00:00.000 +0...	Mostl...	rain	2.222...	-2.4944	0.790...	20.5597	140.0...	10.0464	0.00	1.013...	Mostl...	2006	01	1		
2006-01-01 07:00:00.000 +0...	Mostl...	rain	2.07222	-3.2722	0.810...	25.4219	136.0...	10.0303	0.00	1.013.24	Mostl...	2006	01	1		
2006-01-01 08:00:00.000 +0...	Mostl...	rain	2.200...	-2.8500	0.800...	23.1679	140.0...	11.2056	0.00	1.013.19	Mostl...	2006	01	1		
2006-01-01 09:00:00.000 +0...	Mostl...	rain	2.73333	-2.1333	0.820...	22.8781	140.0...	9.9820	0.00	1.013...	Mostl...	2006	01	1		
2006-01-01 10:00:00.000 +0...	Mostl...	rain	2.788...	-1.9056	0.830...	21.6062	138.0...	9.9820	0.00	1.013.42	Mostl...	2006	01	1		
2006-01-01 11:00:00.000 +0...	Mostl...	rain	3.822...	-0.7389	0.820...	22.7976	139.0...	9.9820	0.00	1.012.72	Mostl...	2006	01	1		
2006-01-01 12:00:00.000 +0...	Mostl...	rain	4.91111	0.8056	0.770...	21.4452	149.0...	11.2056	0.00	1.012...	Mostl...	2006	01	1		
2006-01-01 13:00:00.000 +0...	Mostl...	rain	6.205...	2.2389	0.760...	23.40...	141.000	10.3523	0.00	1.011.18	Mostl...	2006	01	1		
2006-01-01 14:00:00.000 +0...	Partly ...	rain	7.43889	3.6778	0.720...	24.84...	139.0...	11.2056	0.00	1.010...	Mostl...	2006	01	1		
2006-01-01 15:00:00.000 +0...	Mostl...	rain	6.950...	2.8111	0.740...	27.5954	139.0...	11.2056	0.00	1.010...	Mostl...	2006	01	1		
2006-01-01 16:00:00.000 +0...	Mostl...	rain	5.97222	2.3889	0.810...	19.3200	148.0...	11.3183	0.00	1.010...	Mostl...	2006	01	1		
2006-01-01 17:00:00.000 +0...	Overc...	rain	5.9505...	2.2500	0.800...	19.7869	148.0...	11.1251	0.00	1.010.15	Mostl...	2006	01	1		
2006-01-01 18:00:00.000 +0...	Overc...	rain	4.955...	0.3833	0.860...	25.9371	149.0...	11.1251	0.00	1.009...	Mostl...	2006	01	1		

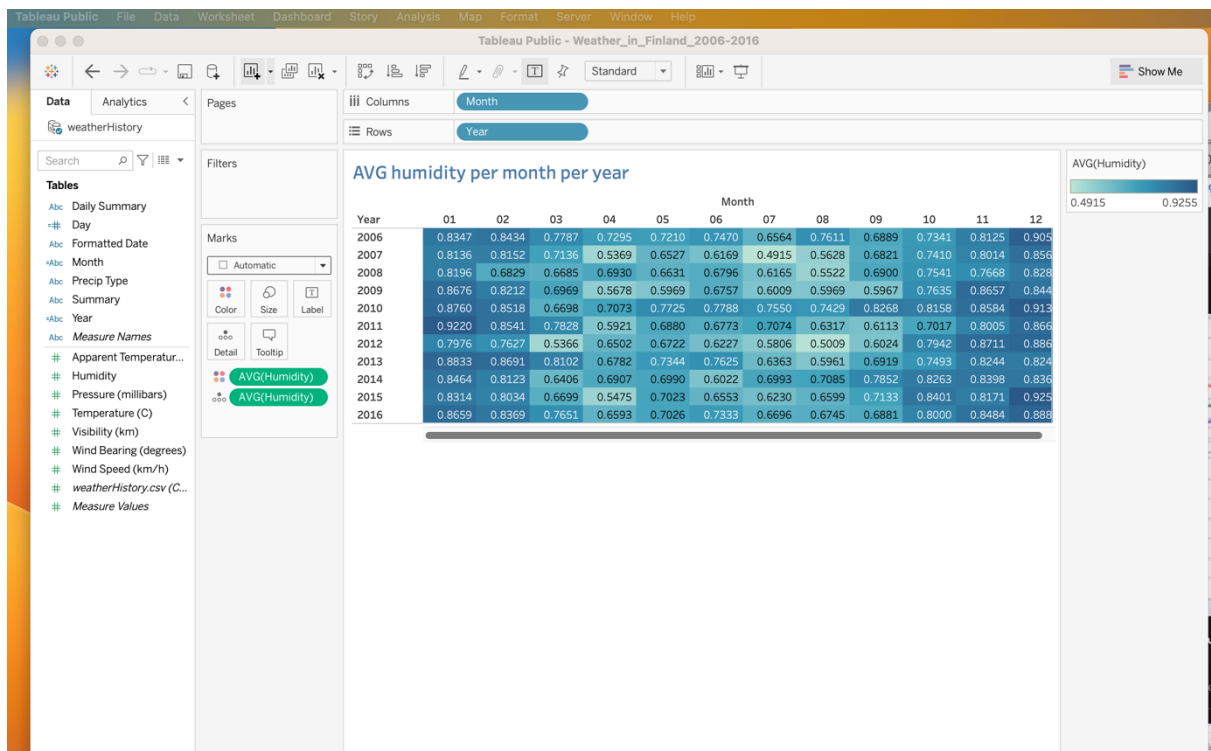
Data SourceSheet 1

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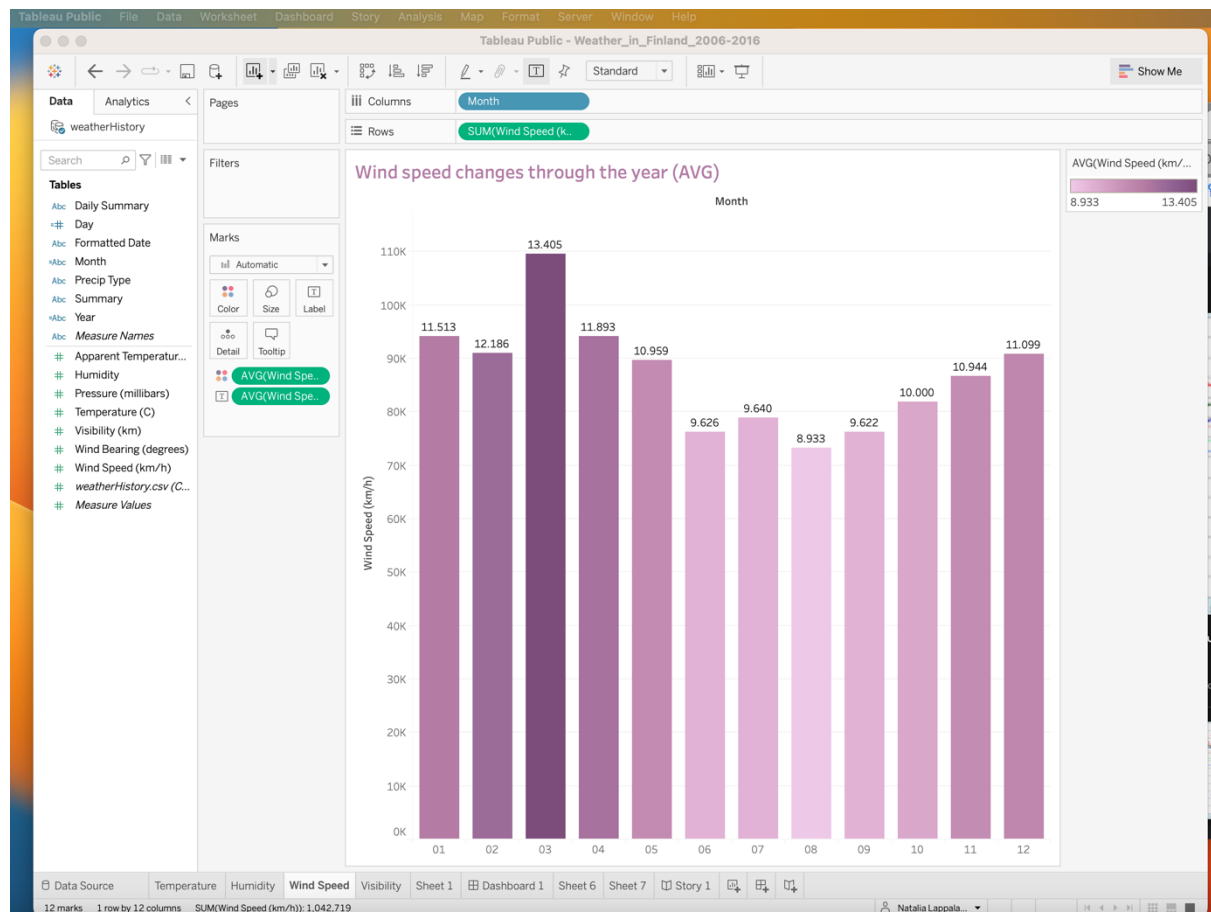
5. Created Avg temperature per month through the year visualized with suitable colors



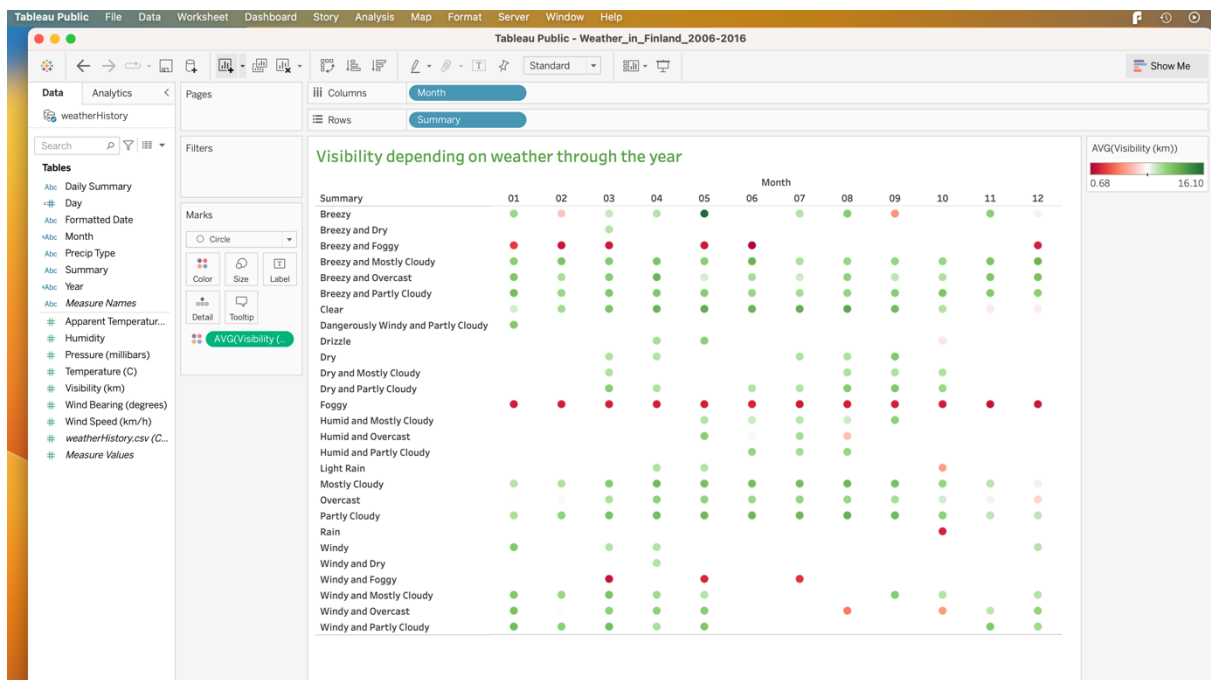
6. Created AVG humidity per month per year



7. Created Wind speed changes through the year (AVG)



8. Created Visibility depending on weather through the year



JOHTOPÄÄTÖKSET:

1. Lämpötilan vaihto on ominainen alueellemme.
2. Ilman kosteus vaihtelee kuukausittain ja vuosittain, eniten kosteutta on kuitenkin talvikuukausina, vuoden kuivimmat kuukaudet jakautuvat eri vuosina eri kuukausille, kuitenkin ei kertaakaan talvikuukausille.
3. Eniten tuulee maaliskuussa, vähiten elokuussa.
4. Huonoin näkyvyys ilmenee loogisesti sumuisella säällä paras yllättäen tuulisella ja puolipilvisellä säällä. Toiseksi paras näkyvyys on tuulisella ja pilvisellä säällä, kolmanneksi puolipilvisellä säällä ja vasta neljänneksi selkeällä säällä.