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| --- | --- | --- | --- |
| **Cell #** | **Error** | **Correction** | **Process** |
| 4 | ValueError: 'D' is a bad directive in format '%m/%D/%Y %H:%M:%S' | df['DateTime'] = pd.to\_datetime(df['DateTime'], format='%d/%m/%y %H:%M') |  |
| 5 | Index not properly set for time (silent error) | df.set\_index(df['DateTime'], drop=True, inplace=True) |  |
| 6 | Folder not existent | Either create NewFolder or remove from file path |  |
| 10 | Coordinate has improper name | ds = ds.assign(dircalc = (['DateTime'], mp.wind\_direction(ds.Speed\_U \* units.meters /units.seconds, ds.Speed\_V \* units.meters /units.seconds).values)) |  |
| 10 | Metpy not installed | Need to create new cell to install and import metpy and pull out proper libraries |  |
| 11 | UnfuncTypeError | Fix equation, especially replace ^ with \*\* |  |
| 12 | UFuncTypeError: Cannot cast ufunc 'add' input 1 from dtype('<m8[M]') to dtype('<m8[ns]') with casting rule 'same\_kind' | Fix np.timedelta64 to include ‘m’ instead of “M” |  |
| 13 | Key Error | Replace time with DateTime |  |
| 13 | Improper indexing | Replace drop\_sel with drop\_isel |  |
| 14 | Logic Error (silent) | Replace or condition with and condition |  |
| 15 | Logic Error (silent) | Direction and speed parameters flipped |  |
| 15 | No projection wind rose | Install and import windrose packages |  |
| 16 | Value Error: x and y must be same size | ds\_30\_restricted must be referenced for both entries of scatter plot |  |