

+ Selection(): String

+ CorFeat(): String

List<DataPoint>

telnetClient)
+ connect(string, int)
+ disconnect(string, int)
+ run(): void
+ update\_data(): void

+ SelFeatDataPoints(): List<DataPoint>
+ LinRegDataPoints(): DataPoint[]
+ CorFeatDataPoints(): List<DataPoint>

+ CombinedDataPoints(): List<DataPoint>

+MyFlightgearMonitorModel(ITeInetClient

+ NotifyPropertyChanged(string): void

+ detectCorrelations(): void

+ start() + NotifyPropertyChanged(string)

+ RecentCombinedDataPoints():

TimeSeries

- table: List<KeyValuePair<string,
List<float>>>
+ NumOfColumns(): int
+ NumOfRows():

+ GetColumnNames(): List<string>
+ AddRow():
+ FindValue(string, int): float
+ GetColumn(string): List<float>
+ GetColumn(int): List<float>
+ GetColumnName(index): string
+ GetRow(i): List<float>

TimeSeriesUtil

+ staticColumnToDataPoints(List<float>,int):
List<DataPoint>
+ static CombineColumns(List<float>, List<float>):
List<DataPoint>
+ static AVG(List<float>): float

+ static COAVG(List<float>, List<float>): float
+ static VAR(List<float>): float
+ static COV(List<float>, List<float>): float
+ static Pearson(List<float>, List<float>): double
+ static MostCorFeatIndex(string, TimeSeries):

| string | + static LinReg(List<float>, List<float>):dataPoint[]

