**Offline Pendulum data analysis– project card**

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**Sub-module to: Universal Flying Platforms (UFP)**

The aim of this project is to create a PC application in Java or Python 3 which would allow to browse data acquired by Bixie Station during Pendulum experiments.

**Objectives:**

1. Standalone application.
2. Simple GUI.
3. File browsing dialog (text input for paths is considered evil).
4. Provides graphical charts which are displayed in window when data file is loaded and can be saved to file in popular format. (Matplotlib can be used to draw charts in Python app and JFreeChart in Java app)

**References:**

1. Bixie Station repository [https://github.com/jmnich/UFP\_Bixie\_Station]