

# PSIT Project Module Documentation

**'project'** custom module

Designed for PSIT Project: **Video Game Sales**

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## List of module attributes and functions

- **project.consoles**  
View a list of home video game consoles.
- **project.handhelds**  
View a list of handheld game consoles.
- **project.windows**  
View a list of Microsoft Windows.
- **project.help()**  
Shows up the url of all PSIT project documents.
- **project.fill\_missing\_year(<data\_list>)**  
Returns a data list with all year data from 1980 to 2016. Any previous missing years will have 0 as its data. This will also helps removing year 2017 or later and its data from the data list.
- **project.add\_relative(<key>)**  
Returns an index-relative value-summed of the input list.  
EXAMPLE: pass-in:  $[[a, b, c], [d, e, f], [g, h, i]]$   
returns:  $[(a+d+g), (b+e+h), (c+f+i)]$
- **project.platform\_convert(<platform>)**  
Returns a platform type from a single platform.

- **project.platform\_convert\_df(<DataFrame>)**

Returns a platform-converted DataFrame.

- **project.platform\_convert\_list(<data\_list>, merge=True)**

Returns a platform-converted data-merged list.

WARNING: One of the indexes must be <platform> and other indexes must be 'int' or 'float' value.