

A Python-based Platform for Seasonal Adjustment of Economic Time Series

Lijing Sun

with Sara Alaoui, William Bell, Demetra Lytras, Anup Mathur,
Kathleen McDonald-Johnson, and Tucker McElroy

SeasCen

(formerly PyX13)

- Python as software development language
- User friendly GUI Interface
- Reuse proven Fortran modules
- The Beta window version was released last year for internal and some external users.
- The Beta Linux version is being tested now by internal users.
- The GA version is currently in development and will be released next year.
 - Load more different time series data file types
 - Include additional capabilities for seasonal adjustment such as tools to calculate X-11 symmetric filter weights (X11 Filters) and generate user-defined moving holiday regressors (Genhol)
 - Add a new methodology – RegComponent

Contact

- Lijing Sun lijing.sun@census.gov
- srd.time.series@census.gov