# Anna Smyk

*Time Series Methodologist*

## PERSONAL DETAILS


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|---|---|
| *Birth* | June 15th, 1976, in Wroclaw, Poland |
| *Address* | INSEE, 88 avenue Verdier CS 70058, 92541 Montrouge, France |
| *Phone* | (+33) 6 63 98 75 70 |
| *Mail* | `anna.smyk@insee.fr` |
| *GitHub* | `https://github.com/annasmyk` |
| *Blog* | `https://jdemetra-universe-blog.netlify.app` |


## CURRENT POSITION

**Time Series Methodologist** 2018-present

*Insee, French Statistical Institute*

Main field of expertise: Seasonal adjustment of economic time series

- Advice and support for time series analysis requests from various branches of the French official statistical authorities.
- Design and refactoring of seasonally adjusted data production processes
- Training: development and delivery of internal and external training courses on seasonal adjustment

**Expert group member in Eurostat's Center of excellence on Time Series Analysis (STACE)** 2018-present

- Coordination of the new online JDemetra+ documentation
  `https://jdemetra-new-documentation.netlify.app/`
  (JDemetra+ is the open source time series analysis software recommended by Eurostat)
- Coordination of the "R-Team" in charge of developing and documenting the R ecosystem of packages providing access to JDemetra+ algorithms

**ESTP Trainer** 2022-present

*Eurostat*

- JDemetra+ course for INDEC (Argentine Statistical Institute), delivered in Spanish, March 2024
- Seasonal adjustment with JDemetra+ beginner course, January 2022 and 2023

## PUBLICATIONS

**Papers**

- Towards seasonal adjustment of infra-monthly time series with JDemetra+ (2023), with K.Webel, Deutsche Bundesbank Discussion Paper

- Seasonal adjustment of long time series using structural models (2022), Insee JMS Paper
- R Tools for JDemetra+: Seasonal adjustment made easier (2021), with A. Tchang, Insee Working Paper

**Conference Presentations**

- OECD workshop on time series analysis 2024 (Paris): JDemetra+ from version 2 to version 3: how has the software evolved
- ISI 2023 (Ottawa); JDemetra+ 3.0: New (R) tools for (high-frequency) time series analysis, with Tanguy Barthelemy
- NTTS 2023 (Brussels): JDemetra+ 3.0: New (R) tools for (high-frequency) time series analysis, with Tanguy Barthelemy
- OECD workshop on time series analysis 2022 (Paris): Towards seasonal adjustment of infra-monthly time series with JDemetra+, with K.Webel
- JSM 2022 (Washington DC): Towards seasonal adjustment of infra-monthly time series with JDemetra+
- NTTS 2021 (Online): Outlier detection and seasonality breaks with JDemetra+ 3.0, with J. Palate.
- NTTS 2021 (Online): R Tools for JDemetra+, with A. Tchang

## SKILLS

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|---|---|
| *Software* | R |
| *Languages* | French (native)<br>English (fluent)<br>Spanish (fluent)<br>German (intermediate)<br>Italian (fluent)<br>Polish (mother tongue)<br>Russian (conversational) |

## EDUCATION

**Master's Degree in Macroeconomics** 2001-2003
*Univeristé Paris-I-Panthéon-Sorbonne*

**National School for Statistics and Information Analysis** 1998-2000
*ENSAI, France*