

Sandra Cobo Ollero

Birth date: 6th/Nov/1998

Mail :Sandracobo98@gmail.com



EDUCATION

- 2020-2021 Master degree in Modelling for Science and Engineering with specialisation in Data Science in the Universitat Autònoma de Barcelona
- Master thesis "*Some methods for large-scale data in linear regression and generalised linear models*".
- 2016-2020 Degree in Statistics in the Universitat Autònoma de Barcelona
- Bachelor thesis "*Anàlisi bayesià de mixelures de poisson amb dades de biosimetria*" with honours and awarded as best work in biostatistics with Almíral Prize in the Student competition 2020.
- 2014-2016 High School Health science modality in Institut Montserrat Colomer
- 2010-2014 Compulsory secondary education in Institut Montserrat Colomer- St. Esteve Sesrovires

WORK EXPERIENCE

- March2021-June2021 Academic internships as a consultant at the Servei d'Estadística Aplicada -UAB
- Feb.2020-June2020 Academic mentoring on Statistical Inference I in degree in Statistics-UAB.
- Oct.2019-March2020 Academic internships as a consultant at the Servei d'Estadística Aplicada -UAB.
- Taking customer requirements, processing, data analysis and presentation of final results.
- 2015 (in progress) Particular classes in primary school to degree level.
- 2015-2016 Participation in the project "Learning to Share" - Castellví de Rosanes school.

WORK EXPERIENCE -PROJECTS

- During the stage in the Servei d'Estadística Aplicada- UAB (March2021-June2021)
- June2021. Survival analysis on different pesticides. (Done with R)
 - May.2021. Modelling stress prediction model in doctors (Done with R)
 - Mar.2021. Webscraping and analysis of flat prices. (Done with R)
- During the stage in the Servei d'Estadística Aplicada- UAB (Oct2019-March2020)
- Feb.2020. Creating computer tool to choose the best possible model with Shiny, R.
 - Dec.2019. Survey study on technologies in adolescents. (Done with R and Latex)
 - Dec.2019. Study to find the validity of the cut-off points for detecting a disease and establish the optimal points with ROC Curve. (Done with R and Latex)
 - Oct.2019. Participation in functional study of patients with cystic fibrosis. (Done with R and Latex)

LANGUAGES

- English: Intermediate level (studied until the fourth year of the Official School of Languages)
- French: High Level with DELF title
- Catalan: Native language
- Spanish: Native language

SOFTWARE

- R, libraries ggplot2, dplyr, shiny,rvest.....: Advanced level.
- Python: Advanced level.
- Latex: Advanced level.
- Excel: Advanced level.
- SAS: Intermediate level.
- C: Advanced level.
- SQL: Advanced level.
- Github: Advanced level

SKILLS

- Desire to learn
- Dedication and positive attitude.
- Ability to work in a team and flexibility

ADDITIONAL INFORMATION

- Scholarship from PepsiCo Foundation ExCEL Awards Program.
- You can find my testimony on the website of the degree in Statistics. (<https://www.uab.cat/grau/estadistica-aplicada/>)
- Participation in Stat Wars, informative seminar on Statistics in high school children in 2019 and 2020.
- Availability of particular car and B driving license.

COURSES

- "Anàlisi i gestió de dades amb Python", 11,12,13,14 February 2018, Servei d'Estadística UAB
- "Web scrapping: Getting data from the web with R", 1,3,8,11 April 2018, Servei d'Estadística UAB
- "Introducción a Pythom mediante el entorno Anaconda",27,29 and 30 January 2020, Servei d'Estadística UAB.
- "Introducción al análisis de datos mediante Python",10,12 and 13 February 2020, Servei d'Estadística UAB.

STAGES ABROAD

- August 2019 – 2 weeks as volunteer in "ONG Mano de África", Errachidia(Marroc).
- July 2018 – 1 month in Dublin, English level B2 course in Ulearn School in host family
- July 2017 – 3 weeks in Dublin, English level B2 course in Castleforbes College in host family.