Statisticien/ne

Le métier

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Table de matières

Pourquoi statistique ?

- Pourquoi statistique ?
  https://www.bu.edu/stat/
  undergraduate-program-information/why-study-statistics/
- Où y aller ?
  https://www.timeshighereducation.com/student/
  what-to-study/mathematics-statistics
- Où y aller ?
  https://www.campusfrance.org/fr/ressource/
  ecole-nationale-de-la-statistique-et-de-l-analyse-de-l-in

Exemples

- https://gallery.shinyapps.io/087-crandash/
- https://remyzum.com/accidents-in-paris---shiny-app/
- https://cpelat.shinyapps.io/mass/
- https://markwolff.shinyapps.io/3D_matrix_analysis/
- https://idinnov.shinyapps.io/pasa-segura-medellin/

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- https://markwolff.shinyapps.io/3D_matrix_analysis/
- https://idinnov.shinyapps.io/pasa-segura-medellin/ Extra text in the fifth item.

Logiciels I

SAS Institute Inc.

`https://www.sas.com/en_us/home.html`

SPSS

`https://www.ibm.com/es-es/products/spss-statistics`

SPAD

`https://www.chapsvision.com/softwares-data/`
`data-mining-machine-learning/`

R et Positron

`https://www.r-project.org`
`https://positron.posit.co/start.html`

Logiciels II

Julia language

`https://julialang.org`

Rapidminer

`https://rapidminer.com/products/studio/`

Python

`https://python.org`

Resumé I

- Travailler avec plusieurs logiciels comerciaux ou free and open-source.
- Multiples domaines d'intervention banque, assurance, fonction publique, psychologie, économie, finances, risque, médecine, ingénierie, industrie, sciences …
- Aimer l'anglais

- Background
    - Mathématiques
      ```
      https://fcen.unal.edu.co/menu/departamentos/
      matematicas-estadistica/
      http://www.amstat.org/asa/education/
      Curriculum-Guidelines-for-Undergraduate-Programs-in-Statist
      aspx
      ```
    - Comunication
      ```
      https://www.sfds.asso.fr
      ```

Transversalité

- Démographie
- Pharmacologie
- Médecine
- Génetique
- Sports
- Finances
- Géographie
- Control de qualité
- Agriculture
- ....

En savoir plus   I

- Apprentissage automatique, Machine learning
  `https://fr.wikipedia.org/wiki/Apprentissage_automatique`

- Exploration des données, Data Mining
  `https://shorturl.at/kxfFU`

- Megadonnées, Données masives, Big data
  `https://fr.wikipedia.org/wiki/Big_data`

- Réseaux de neurones, Redes neuronales, Neural network
  `https://www.math.univ-toulouse.fr/~besse/Wikistat/pdf/`
  `st-m-app-rn.pdf`

Commencez tout de suite

```
https://www.coursera.org
https://www.edx.org/
```

Questions

Questions ?

Merci beaucoup ! ! !