

# BeatrizHernández

## contact

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Spain

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## languages

spanish - native  
english - fluid  
german - notions

## programming

♥ Tex  
Matlab & Mathematica  
Python (numpy,  
pandas), R  
MySQL, VBA

## interests

statistical analysis, data visualization, big data, graph theory

## education

- |             |  |                                  |
|-------------|--|----------------------------------|
| 2015        | <b>BSc in Mathematics</b>  | Complutense University of Madrid |
|             | Graduate thesis: Topological graph theory: from Königsberg to urban traffic. |                                  |
| 2010 - 2011 | <b>BSc in Mathematics</b>  | Graz University of Technology    |
|             | erasmus scholarship  |                                  |

## experience

- |           |  |  |
|-----------|--|--|
| 2015      | <b>CloudMas, Madrid</b>  | Data Science Internship                  |
|           | Developing of dynamic reports with Javascript data visualization library D3. Web analytics. Machine learning with Python library OpenCV. |  |
| 2013-2014 | <b>Vodafone, Madrid</b>  | Continual Service Improvement Internship |
|           | KPIs analysis and monitoring, projects organization and follow up meetings, data analysis, management of data bases.                     |  |

## courses

- |      |  |                         |
|------|--|-------------------------|
| 2014 | <b>Excel in depth</b>  |                         |
|      | Microsoft Excel in depth   |                         |
| 2014 | <b>Access in depth</b>   |                         |
|      | Microsoft Access in depth  |                         |
| 2015 | <b>The Analytics Edge</b>  | MITx                    |
|      | Analytics methods in R   |                         |
| 2015 | <b>Mobility and sustainability in Smart Cities</b>               | Universidad Complutense |
|      | General overview of sustainable transport trends in Smart Cities |                         |