

# 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  
D3js, HTML

## 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 - now | <b>Havas Media, Madrid</b>  | Data Scientist/Lover                     |
|            | Data mining and visualization with tools like <b>R</b> , <b>PHP</b> and <b>Tableau</b> . Development of tools with <b>VBA</b> for media planners.           |  |
| 2015       | <b>CloudMas, Madrid</b>   | Data Science Internship                  |
|            | Development of dynamic reports with Javascript data visualization library <b>D3js</b> . Web analytics. Machine learning with Python library <b>OpenCV</b> . |  |
| 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

- |      |  |                        |
|------|--|------------------------|
| 2015 | <b>Mobility and sustainability in Smart Cities</b>               | Complutense University |
|      | General overview of sustainable transport trends in Smart Cities |                        |
| 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   |                        |