## UNWTO
World Tourism Organization

# Call for Expression of Interest

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| **Post Title:** | Data Science Specialist | **Duty Station:** | Madrid, Spain |
| **Reference:** | UNWTO/HHRR/CFE/03/TMIC/2019 | **Start Date:** | As soon as possible |
| **Department:** | Tourism Market Intelligence and Competitiveness | **Duration:** | 12 months |
| **Contractual Status:** | Service Contract | **Deadline for Applications:** | **17 February 2019** |

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### DUTIES AND RESPONSIBILITIES

The **World Tourism Organization (UNWTO)** is the United Nations agency responsible for the promotion of responsible, sustainable and universally accessible tourism.

UNWTO is currently looking for a **Data Science Specialist** for its **Tourism Market Intelligence and Competitiveness Department.** The Tourism Market Intelligence and Competitiveness Department (TMIC) is responsible for providing knowledge and strategic guidance to support tourism destinations and the sector at large, to become more competitive and improve destination management through efficient policies and governance.

Under the supervision of the Chief, Tourism Market Intelligence and Competitiveness, the incumbent will perform the following duties:

1. Assists in the provision of services and support for the implementation and development of the UNWTO Global Tourism Dashboard, including the provision of assistance for the diagnosis of UNWTO data (indicators, data structures and used technology), developing data structures, data management processes, creating interfaces and evaluating and developing the integration of third-party data;

2. Provides basic training to UNWTO personnel in managing and further developing the Dashboard and assists in developing related documentation and training materials;

3. Assists in evaluating existing UNWTO data sets and management tools and proposes structural improvements;

4. When required, supports UNWTO collaboration with Members States in the area of data analysis and visualization;

5. Processes, cleanses and verifies the integrity of data used for analysis;

6. Performs ad-hoc analysis to present results in a clear manner;

7. Performs other duties as required.

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### REQUIREMENTS

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| **Academic** | ▪ University degree in Statistics, Mathematics, Computer Science, Engineering, or similar relevant areas; a university degree in another discipline may be accepted *in lieu* if it is pertinent to the requirements of the post and in combination with relevant professional experience; |

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| | ▪ Certification related to Business Intelligence would be an asset (Tableau, Power BI, etc). |
| **Experience** | ▪ Minimum of three years of progressively responsible professional experience in the field of Information and Communication Technologies or another relevant area;<br>▪ Demonstrated experience in business intelligence, particularly in software such as Power BI, Tableau or Qlik;<br>▪ Demonstrated experience in database development and management, data warehouse design, data models and data mining;<br>▪ Advanced understanding of database management systems and ETL (Extract, transform, load) framework;<br>▪ Experience in documenting design specifications and other related documents. |
| **Languages** | ▪ Fluency in English is essential;<br>▪ Fluency in Spanish is a strong asset;<br>▪ Good working knowledge of another of the official languages of the Organization (Arabic, French or Russian) is an asset. |
| **Computer Skills** | ▪ Computer literacy in Microsoft Office and Windows 7;<br>▪ Proficiency with languages such as SAS and/or R;<br>▪ Proficiency with SQL coding;<br>▪ Knowledge of Python and Hadoop would be an asset;<br>▪ Advanced knowledge of Microsoft Access and Microsoft Excel;<br>▪ Knowledge of machine learning and IA technologies would be an asset. |
| **Other Skills and Competencies** | ▪ Ability to interpret numbers and a story that gives insights;<br>▪ Ability to propose more effective ways of data collection, management and visualization;<br>▪ Demonstrated ability to work in a multicultural, multiethnic environment with sensitivity and respect for diversity;<br>▪ Demonstrated ability to work independently within assigned areas, showing initiative and judgment;<br>▪ Sense of responsibility and commitment;<br>▪ Demonstrated ability to work under pressure and on tight deadlines;<br>▪ Previous experience in the United Nations or another international organization would be an asset. |
| **Remuneration and Other Conditions** | The monthly remuneration of the selected candidate would be in the base range of **EUR 2,300 and EUR 2,500**, depending on previous professional experience, skills and competencies. The Service Contract holder will be affiliated to the UNWTO health insurance plan (co-shared scheme in conformity with the Organization´s procedures) |
| **Application Procedure** | Interested applicants are requested to complete the **Online UNWTO Personal History Form.** Please note that UNWTO will only accept applications received through our web-based system. Applications sent by other means (e.g. post, email, etc.) or received after the deadline indicated above, will not be taken into consideration. |

▪ Candidates who do not receive any feedback within three months of the deadline should consider their application as unsuccessful;
▪ Short-listed candidates may be asked to take a competitive exam and/or interview as part of the final phase of the selection process. These candidates will be contacted directly for this purpose;
▪ **There is no guarantee either that the initial contract will be renewed or that a career appointment within UNWTO will subsequently be offered.**