Possible areas of work in data science for library and information professionals in Egypt: An analytical study in the light of the content of foreign job advertisements

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Abstract:

The study aims to investigate the possible areas of work in data science field from the library and information specialization perspective, the skills required for the graduates in Egypt to occupy these jobs. The descriptive methodology using content analysis technique was applied on a sample of 80 job advertisements published in English via (ALA JobList - LinkedIn - Indeed - Glassdor) and related to data science field in foreign countries, requiring qualifications in library and information specialization and/or previous experience in the field, from 01/01/2022 to 09/31/2022. MAXQDA software was used to analyze qualitative data related to job titles, skills, qualifications, years of experience, and organization type. The results showed that, the most requested job titles are "data librarian" and "research data management librarian". The advertisements were mainly from USA, especially in universities and research centers. The results revealed the role of library and information professionals in the future of data science, because of their skills in manipulating content, with the need to acquire some skills, foremost of which are technical skills, especially experience with Python, SPSS, and data visualization tools such as Tableau and PowerBi. The study recommended that the Egyptian library and information departments need to review their study plans and the relevant courses to take necessary actions to update and/or develop new courses and specializations in data science field and related topics, especially at postgraduate programs level, and the need for developing packages of training programs and workshops for professional development to overcome the labor market challenges.

Keywords: Data Science; Labor Market; Job Advertisements; Librarians; Information Specialists.

The role of public librarians in treating dyslexia: A Literature review

Asmaa Saeed Abd ElSamee ElGanzoury

Abstract

The study aims to monitor and survey Arab and foreign literature on The Role of Public Libraries Specialists in the Treatment of Dyslexic Children; To contribute to spreading awareness of the importance of the topic, and ways to support public librarians to deal with these children who frequent public libraries, and to come up with numerical, qualitative and objective indicators of the subject literature from 1985 until the end of 2022, without being restricted to geographical boundaries, and relying on the descriptive approach in its survey style. It concluded with a set of results, perhaps the most prominent of which is the numerical superiority of foreign literature over its Arabic counterpart, and that the year 2014 had the highest rates of literature on dyslexia and treatment programs for dyslexia, and the year 2018 witnessed the highest rates of writing on the subject of providing services for children with dyslexia. Followed by the challenges of providing services of dyslexic children.

Keywords: public libraries, library specialist, children's dyslexia, learning difficulties.

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The User experience of people with special needs on the websites of Egyptian Universities

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Abstract

This study aims to identify the user experience of people with special needs in websites from the perspective of the usability standard and the accessibility standard, through an analytical study of the user experience of people with special needs and the reality of their application on the websites of Egyptian universities.

In this, the researcher relied on the descriptive analytical approach, using a checklist to monitor the extent to which the websites of Egyptian universities are committed to providing assistive technologies for people with special needs that enable them to deal with the site and benefit from the services provided.

The study concluded with a set of results, the most important of which were: The commitment of (8) universities by 53.33% of the total Egyptian universities, the study sample, to provide assistive technology on their websites that supports people with special needs: Mansoura University - Ain Shams University - Zagazig University - Benha University - Assiut University - Tanta University - Kafrelsheikh University - Suez Canal University, while (7) universities, 46.67% of the total Egyptian universities, the study sample, did not commit to providing assistive technology on their websites, namely: Cairo University - Alexandria University - American University in Cairo - Egyptian Japanese University of Science Technology - Al-Azhar University - Menoufia University - Helwan University.

Keywords: user experience; people with special needs; websites; universities; Egyptian universities

Coverage of Social Media Platforms for Arab Researcher Productivity in the Field of Social Sciences and Humanities: An Analytical Study

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Abstract:

Social media sites and networks have made it possible for users to interact and participate in content creation. This highlights the importance of academic communication sites, which aim to facilitate communication between researchers with the goal of interaction, information sharing, content organization, and evaluation. These sites provide tools that contribute to interaction with the content published on these sites, such as commenting on it, liking it, downloading it or sharing it with other users. This study aims to measure and evaluate the coverage of Arab researchers' intellectual production in the field of social and human sciences on different social media sites, as well as to analyze the relationship between alternative metrics and the number of references to that production. The study reached a number of results, including: the total number of readers and participation in the production of Arab researchers in the field of social and human sciences on social media sites was greater than the number of references to that production, indicating that it was of interest to the public and may have practical and professional benefits. Alternative metrics are important in highlighting other aspects when evaluating research

Keywords: Altmetrics; Social networks; Arab researchers; Social sciences; Humanities.

Dr. Salwa Ali Milad
A pioneer in the field of documents and archives

Dr. Mohamed Fathy Abdel-Hady

Abstract

The field of documents and archives is one of the difficult fields of study and research, yet a unique researcher, and academic staff member invaded it, namely Prof. Dr. Salwa Milad.

The study seeks to shed light on her educational, scientific and career path, as well as monitoring and analyzing her intellectual output and its most prominent characteristics. It was found that she presented 44 works in the period from 1970-2022 : (2 theses, 16 books, 1 chapter of a book, 14 studies in conferences, 11 articles in journals). The analysis of the intellectual output has resulted in that Dr. Salwa Milad presented several in-depth and original studies on diplomatics. She also studied, and published several important historical documents, in addition to her distinguished studies on archives.

In her research and studies, she was interested in rooting for diplomatics, and also in dealing with modern trends in this field, and in addition to this, her interest in documental and archival terminology, and also her exposure to the standards in the field because of their importance in controlling work and its quality.

Keywords: Salwa Milad; Diplomatics; Archives; Documental and archival terminology; Archival description standards.