
Data Visualization for Big Data in Libraries using Hadoop and Tableau

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Abstract:

This research presents an intellectual approach concerning the use of big data analysis in libraries and the tools for dealing with it, aiming to explore the potential of libraries to apply big data analytics in managing their services and activities. The research adopted an experimental methodology through practical work involving the analysis of data from the Facebook, specifically focusing on the lending service during the COVID-19 pandemic at the Al-Sabil Public Library in Lebanon, using the "Hadoop" big data analysis technology. The results were visually represented using Tableau software.

One of the significant findings of the analysis of the library's big data was a strong correlation between the number of interactions on Facebook and specific metrics, along with increased library usage in general and the lending service in particular. This indicates the importance of utilizing social networks in libraries, especially during times when the library is unable to perform its regular role, particularly in the context of the COVID-19 pandemic.

The thesis concluded with a concise summary, along with general recommendations related to big data in libraries. The researcher also anticipated that as libraries undergo transformations and developments, especially with the growth of their data over the years, they will inevitably need to delve into the realm of big data application and harness its significance to the best of their available resources, even if gradually, due to rapid technological changes.

Keywords:

Big data; Big data applications; Data Visualization; Hadoop; Tableau.

Video essay: An exploratory study to determine the criteria for constructing and composing the video essay

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Abstract:

The study deals with identifying video articles, which are considered one of the most important modern trends and an innovative type of scientific publishing material, and provide the researcher with all the elements that present knowledge in an integrated form. It also reviewed an exploratory study of the most prominent journals that present their articles in video form, using the descriptive approach in its analytical style. Which describes the video magazines under study, in order to identify the temporal, thematic, and numerical trends of these magazines. The study also dealt with a set of codified standards that can be relied upon in constructing and composing video articles, by relying on a checklist that was applied to the video magazines under study.

keywords:

Video articles; video magazines; interactive articles; visual media; scientific publishing.

The effectiveness of a proposed training program for developing cybersecurity awareness among female students of the College of Arts and Humanities: an empirical study

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Abstract:

This study deals with identifying the effectiveness of a proposed training program to develop cybersecurity awareness among female students of the College of Arts and Humanities at Taibah University. Analyze and measure the effectiveness of the proposed training program in terms of strengths and consolidation and weaknesses and work to present remedial suggestions to address them, and the importance of the study lies in the importance of cybersecurity itself, in protecting data and devices and their safety from the risks of cyber violations and maintaining information integrity by limiting unauthorized access. This comes in accordance with the important role of cybersecurity as one of the necessary requirements to protect our contemporary societies from various forms of cybercrime. With the concept of cyber security and the prevention of the risks of cyber intrusion, It was applied to a random sample so that the sample number reached 192 tribal forms and 189 dimensional forms from the students of the Faculty of Arts and Humanities at Taibah University, where the study reached a number of results in theory, namely that the

concept of cybersecurity must include all procedures used to protect information, data and networks. And choosing the appropriate means of protection from various intrusions, and it is also inferred that there is a necessity for the cooperation of all parties and sectors of the state to form a system that combines its efforts in educating citizens and limiting cyber intrusions. Cyber security by 38%, and after presenting the training program, their percentage reached 84.8%. The study also found that they need training courses in the field of cybersecurity, as their percentage before the program reached 80% and after the presentation of the program their percentage reached 84%, and one of the most important recommendations of the study is the need to provide programs Intensive awareness training related to cybersecurity, as well as the importance of adding educational materials and courses related to cybersecurity, as well as activating security departments. For cyber security in educating university students about cyber security.

Keywords: Cyber security; The national cyber security authority; Cyber security in universities.

Appointment Gamification in an E-Learning Environment Based on and Their Effect on Developing Digital Citizenship Concepts Among College of Education Students

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Abstract:

The current research aimed to designing an e-learning environment based on gamification and their effect on developing digital citizenship concepts among college of education students. The experimental design was based on the two experimental groups, the independent variable included an e-learning environment based on gamification, And the dependent variable is gamification. The research tools were an achievement test for digital citizenship concepts. The research sample consisted of 70 male and female students who were divided into two groups according to the two types of simple. The SPSS program was used to test the research hypotheses. The results of the research concluded: There was a positive effect of an e-learning environment based on gamification in developing concepts of digital citizenship for the group that followed the e-learning environment, and the effectiveness of the e-learning environment based on gamification proved to be greater. The e-learning environment based on electronic gamification an effectiveness with a McGogian gain rate greater than 0.6.

Keywords:

E-Learning Environment; Gamification; Digital Citizenship Concepts

Personal skills of information specialists in university libraries: A scientific review

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Abstract:

The modern office profession today requires new skills, and the information specialist must learn and acquire these skills continuously, and among the most important of these skills are: communication and communication skills, time management skills, working within a team, self-development skills, leadership skills,...etc. Which requires intelligence and the ability to innovate and improve the quality of performance of the specialist in his work environment.

On the other hand, the presentation of intellectual production literature represents an important pillar in the system of building scientific work, and it has great importance in identifying topics that have previously been studied. It also reflects the reality of the knowledge stock and intellectual production related to the subject. Based on the above, the current study aimed to analyze and extrapolate Arab intellectual contributions. and foreign studies on the subject of personal skills for information specialists in university libraries, with the aim of identifying its characteristics and analyzing its objective, temporal, qualitative and linguistic characteristics. (45) items published in the period from 2013 to October 2023 were included in the form of periodical articles, conference proceedings, and university theses, and are divided into (40) items in

English and (5) items in Arabic. The study concluded that most studies focused on the types of personal skills required of an information specialist.

keywords:

Personal skills; soft skills; life skills; flexible skills; information specialist

The Level of Use of Artificial Intelligence Applications in The Educational Process from The Point of View of Master's Students at The Arab East College for Graduate Studies

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Abstract:

The current study aimed to reveal the level of use of artificial intelligence applications from the perspective of master's students at the Arab East College of Graduate Studies. In order to complete this study, studies related to the research topic were reviewed and relied on multiple sources of books, magazines, and research. To benefit from it in addressing the research problem, the researcher then relied on the descriptive approach using the questionnaire tool that was presented electronically, and the number of its responses was (65) from master's students at the Arab East College of Graduate Studies. The researcher explained the statistical description of the study individuals and the distribution of the sample members according to demographic variables represented In (gender, age), the researcher also used some descriptive statistical methods that were analyzed using the Statistical Package for the Social Sciences (SPSS) program. The researcher also reached several results, the most important of which are The general arithmetic mean of the responses of Master's students at the Arab East College, Department of Arts in Educational Methods and Technology related to the level of use of artificial intelligence applications in the process was rated (high) by the study members and The Master's students at the Arab East College, Department of Arts in Educational Methods and Technology, generally agree (highly) on the existence of a number of obstacles that limit the use of artificial intelligence applications in the educational process and The

researcher sought to develop a number of proposals to overcome the obstacles to the application of artificial intelligence in the educational process at Arab East College. A number of requirements for applying the use of artificial intelligence in the educational process were also proposed.

Keywords: Artificial intelligence applications: Arab East College; Education.

تقييم الطالب للتدريس في التعليم العالي التركيز على وسائل التواصل الاجتماعي والكلام الشفهي الالكتروني

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المستخلص:

وكثيراً ما يُعتقد أن المستهلكين قادرون على الدخول في اتصالات عالمية بسبب ارتفاع كلمة الفم الإلكترونية في مواقع التواصل الاجتماعي. ويجري تقييم أكثر الوسائل قدرة على التأثير في مؤسسات التعليم العالي في نظام eWOM في عملية التقييم. وبلغ معدل تقييم الطلاب 94 في المائة خلال العقد الأول من القرن الحادي والعشرين، مما أظهر أهمية كبيرة ونما ليصبح مصدراً قيماً للمعلومات التي يستخدمها المديرون في تحديد زيادة الجدارة وقرارات الترقية، وهو ما يشكل أولوية عليا يتعين إدارته.

وإلى جانب الأشكال التقليدية للتعليم وعمليات التدريب المتعلقة بتقييم الأقران والتقييم الذاتي، يعتبر تقييم الطلاب جزءاً لا يتجزأ من عملية التقييم هذه. والسبب الرئيسي لاستكشاف تقييم الطلاب في حالة التعليم العالي هو أن التقييم يجريه طلاب الكلية أنفسهم. وقد يثير ذلك شواغل أخلاقية فيما يتعلق بصحة وموثوقية تلك التقييمات. وتتخذ تقييمات الطلاب لوسائل التواصل الاجتماعي شكل استعراضات قد لا تعتبر أداة تقييم رسمية، غير أن غموضها قد يؤثر سلباً على أعضاء هيئة التدريس نظراً لصحة وتحيز استخدام كلمة الفم الإلكترونية. ويعتبر هذا تحدياً أخلاقياً لأن كلمة الفم الإلكترونية على منصات وسائط التواصل الاجتماعي قد تؤثر سلباً على تقييم الكلية لنوعية التدريس والتقييم العام. ونتيجة لذلك، فإن رصد تقييم الطلاب واستعراضات الدورات الدراسية على منابر وسائط التواصل الاجتماعي قد تسهم في تكوين صورة إيجابية لمؤسسة التعليم العالي ككل.

الكلمات المفتاحية:

الكلام الشفهي الالكتروني؛ وسائل التواصل الاجتماعي؛ تقييم الطلاب؛ التعليم العالي؛ صورة المؤسسة؛ تقييم الأقران.