Organizations in the Digital Era (83367)

Exercise 3

Purpose

HRODM Implementation: Understand, analyze and apply an example of process, people and technology – based on real-world data for improvement and efficiency. Research a specific field in the HRA world while critically evaluating one topic in the field.

Instructions

1. The work is performed individually.
2. Submitted as a PDF file, font 11, space 1.5, up to 5 pages Maximum.
3. The submission will open on December 31st and will be close on January 11th, Saturday 23:59. **Any delay in submission or not according to instructions will incur grading deduction**.
4. At the top of the submitted file, please write your full name and ID number.

Questions

1. Pick the challenge you are solving in your chosen organization. Fill it in the link provided on Course Site - by Dec. 10 – Before Class. (20%)
   a. Describe the challenge – Up to 1 page.
   b. Analyze 3 stakeholders involved – up to half a page.
2. Choose a dataset [see below] + Choose a Solution Methodology [e.g. hypothesis testing; ML modelling; text mining, algorithm-based tool, etc.]. (5%)
3. Justify your selections in Question # 2: shortly explain and provide evidence from one academic paper; Reference your chosen academic paper [from Google Scholar]. (15%)
4. Results: Present the results of your analysis. Include 5 Visualizations [any tool] that can assist in solving your challenge. Add a Caption to each visualization. (25%)
5. Discuss your results and solution to the challenge – Up to 1 page. (25%)
6. Critical Evaluation: Evaluate critically your solution based on the data, results and organizational resources and environmental constraints. (10%)
7. Be prepared to present your paper in class – **NO SLIDES** – Up to 5 minutes on December 24.

Optional Datasets:

1. https://www.kaggle.com/datasets
2. https://www.fsd.tuni.fi/en/data/by-theme/working-life/
3. http://www.kdnuggets.com/datasets/
4. http://lib.stat.cmu.edu/DASL/
7. https://github.com/caesar0301/awesome-public-datasets
8. http://academictorrents.com/
9. https://www.cbs.gov.il/he/Pages/default.aspx = לשכה מרכזית לסטטיסטיקה
10. http://data.gov.il -אתר מאגרי המידע הממשלתי
11 הבנק העולמי - http://data.worldbank.org/
12. https://survey.stackoverflow.co/
13. https://www.onetcenter.org/database.html
14. https://github.com/megagonlabs/HappyDB
15. https://www.ebsco.com/products/research-databases

Goodluck!