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# Correlating Movies score and Unemployed rate

*A Data Management Plan created using DMPonline*

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Project abstract:

The project aims to identifying the relationship between the average annual film evaluation and the average number of unemployed citizens in USA.

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# Correlating Movies score and Unemployed rate - Detailed DMP

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## 1. Data summary

State the purpose of the data collection/generation

The aim of collecting the data is to find if there is any relationship could be constructed between The average of movie score and unemployment rate because if the score of movies is high that means the happiness rate is high then the citizen is motivated to work.

Explain the relation to the objectives of the project

To find if there is any relation between movies score and the unemployment rate.

Specify the types and formats of data generated/collected

The generated data will be in comma-separated values (csv) because of its ease of use and pre-experience that I have in dealing with it and its a commonly used format for data which allow to long-term preserving

Specify if existing data is being re-used (if any)

Specify the origin of the data

The origin of the project data is contained Numbers as the date and real

State the expected size of the data (if known)

date size was less than 1 MB. so there is no need for an additional cost for storage, access, and preservation. also, it couldn't have any problem in term of sharing or transfer data between sites

Outline the data utility: to whom will it be useful

The data will be placed in data repository so it is useful for anyone who wants to deal with it, there isn't any sensitive data, and it is available from the time it was created

## 2.1 Making data findable, including provisions for metadata [FAIR data]

Outline the discoverability of data (metadata provision)

there is metadata that follows **Dublin Core** metadata standard, this standard is simple which can be easily understood and implemented.

also, there is a description file which allows other researchers to know a lot about the Data.

Outline the identifiability of data and refer to standard identification mechanism. Do you make use of persistent and unique identifiers such as Digital Object Identifiers?

The results data is identified using Digital Object Identifiers(DOI).

Outline naming conventions used

naming conventions are not used.

Outline the approach towards search keyword

There isn't any

Outline the approach for clear versioning

Specify standards for metadata creation (if any). If there are no standards in your discipline describe what metadata will be created and how

I follow **Dublin Core** metadata standard, it is a small set of [vocabulary terms](#) that can be used to describe digital resources (video, images, web pages, etc.), as well as physical resources such as books or CDs, and objects like artworks. [\[wikipedia\]](#)

## 2.2 Making data openly accessible [FAIR data]

Specify which data will be made openly available? If some data is kept closed provide rationale for doing so

The whole of data will keep openly available.

Specify how the data will be made available

The results will be uploaded to a shared repository. so anyone who which to deal with the data will find it easily.

Specify what methods or software tools are needed to access the data? Is documentation about the software needed to access the data included? Is it possible to include the relevant software (e.g. in open source code)?

to access the data that included in the experiment you need specific software that I was developed you can access it via [Github](#). The software is well documented so its gonna be easy to anyone to use it.

Specify where the data and associated metadata, documentation and code are deposited

The whole project was uploaded to [Github](#).

Specify how access will be provided in case there are any restrictions

there aren't any restrictions.

## 2.3 Making data interoperable [FAIR data]

Assess the interoperability of your data. Specify what data and metadata vocabularies, standards or methodologies you will follow to facilitate interoperability.

I will provide metadata that contain details about the research, The metadata will follow DC stander.

Specify whether you will be using standard vocabulary for all data types present in your data set, to allow inter-disciplinary interoperability? If not, will you provide mapping to more commonly used ontologies?

The documentation fill will contain UML diagram that describes the process to transfer data to the final form

## 2.4 Increase data re-use (through clarifying licenses) [FAIR data]

Specify how the data will be licenced to permit the widest reuse possible

The data is licensed under a [Creative Commons Attribution-NonCommercial 4.0 International License](#) which allowed re-using the data over and over for nonCommercial use.

Specify when the data will be made available for re-use. If applicable, specify why and for what period a data embargo is needed

The data is available to do re-use from the time it was shared.

Specify whether the data produced and/or used in the project is useable by third parties, in particular after the end of the project? If the re-use of some data is restricted, explain why

The Data will be shared in a special repository, and it's published from the time it produced.

Describe data quality assurance processes

The data was taken from Reliable site so it's gonna be good.

Specify the length of time for which the data will remain re-usable

The data will be re-usable as can as possible.

### **3. Allocation of resources**

Estimate the costs for making your data FAIR. Describe how you intend to cover these costs

There isn't any cost for making the Data Fair.

Clearly identify responsibilities for data management in your project

The main responsibilities for data management are Design, develop, and modify data management infrastructure also Maintain internal data asset library.

Describe costs and potential value of long term preservation

The data gonna be available as can as possible

### **4. Data security**

Address data recovery as well as secure storage and transfer of sensitive data

The data will preserve in shared repository, the main attribute of this repository should be secure.

### **5. Ethical aspects**

To be covered in the context of the ethics review, ethics section of DoA and ethics deliverables. Include references and related technical aspects if not covered by the former

The data used in this project contain general data so there isn't any ethical issue will be faced.

### **6. Other**

Refer to other national/funder/sectorial/departmental procedures for data management that you are using (if any)