

Benefits of Open Data/ Software Sharing in Open Science

By

OLADIPO, Mumin Olatunji

KolaDaisi University, Ibadan- Nigeria

Open data and Software

- What is Open data and software?
- What is Open Science?



Need for Open Data and Software

- Improves Accessibility
- Create Opportunities
- Reduce corruption
- Increase transparency
- Enhance fair playing ground by providing equal opportunity for all

Benefits of Open Data and Software: Introspection

- Role of Open Data and Software in my career development
 - World data centre
 - Python
 - Arduino



Open Data and Software: Challenges

- Inadequate Infrastructures
- Readiness
- Public funded research
 - National security
- Corporate funded research
- Open Access publication fees

Impacts of Open Data and Software in Science Research

- Create opportunities
- Empower scientists
- Solve human problems
- Expands our knowledge based and provides new insights
- Create new opportunities

Conclusion

The world is a global village. We are all connected and the impact of our actions and inactions affect each other. The human race is faced with challenges that need to be tackled together. Some of these challenges are existential threats, hence, the need for a collective effort.

Open data and software should be encouraged in science to allow everyone to contribute towards a better future.

