About the Task

Project Manager / Business Analyst

Artificial Intelligence as a field is data driven but data about AI is very hard to come by. Progress in AI is happening fast and across domains, including technical progress, publication in journals, conferences, patents, economic activity like jobs in AI, private investment in AI, and also risks and opportunities through new policies, laws, high-risk failures in AI such as autonomous weapons or impacting privacy.

References:

The AI Index 2022 Report (with the dataset)

https://aiindex.stanford.edu/wp-content/uploads/2022/03/2022-AI-Index-Report_Master.pdf

OECD.AI

https://oecd.ai/

IBM AI Adoption 2022

https://www.ibm.com/downloads/cas/GVAGA3JP

Paperwithcode: To infer which countries are on top of which subtask in SOTA

https://paperswithcode.com/sota

Your task:

Collect country and local level data to particularly highlight where developing countries (low income countries and lower-middle income countries) are in the AI value chain. Reliable statistics, charts and graphs to present a clear storyline. Use python, R, and/or excel

Share a PDF report of your findings.

Criteria for Evaluation

Novelty of data, reliability, coverage across countries	
Web scraping skills	
Insight about developing countries versus US, China or other regions	
Presentation of results	
Ability to understand the topic and produce results	
Creativity and Independent work ethic	

Note: You may explore building bibliometrics data scraper from Google Scholar about the number of AI papers, patents, (or growth) or LinkedIn data to see AI skills and jobs through other sources.

Learn more about World Bank region codes for developing countries
https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups

The deadline for the task is 3 days.