



## **Term of Reference**

### **Consultant for AI curriculum development**

#### **Organization:**

Digital Opportunity Trust - Lebanon (DOT [www.lebanon.dotrtrust.org](http://www.lebanon.dotrtrust.org)) is a Local NGO, a member of the DOT networks in countries throughout Africa, the Middle East, Asia, and the Americas.

DOT is an innovator in enabling people to access and apply information and communications technologies (ICT) to create education, economic and entrepreneurial opportunities. DOT's vision is to make these opportunities available to marginalized people, especially women and youth, as a strategy to eradicate poverty, vulnerability, and gender inequality. DOT's signature entrepreneurship programs, ReachUp! and StartUp!, integrate ICT, life skills, and micro-enterprise development and are delivered in a cost-effective manner, using university graduates to train and build the capacity of youth in their communities. DOT transforms and supports young women and men, as they become leaders of economic and educational change in their societies.

DOT Lebanon is looking for a consultant to develop a comprehensive curriculum focused on artificial intelligence (AI) and prompt engineering for youth. The curriculum aims to equip participants with foundational knowledge and practical skills in AI and its application in the engineering field.

#### **The consultant key responsibilities and accountabilities will include to:**

- Develop a detailed curriculum outline covering AI fundamentals and prompt engineering concepts.
- Design engaging and interactive learning materials, including lesson plans, activities, and assessments.
- Incorporate real-world case studies and hands-on projects to enhance learning outcomes.
- Develop a comprehensive curriculum framework outlining the structure, content, and sequencing of topics.
- Ensure alignment with industry standards and best practices in AI and engineering education.
- Provide guidance on the selection of appropriate tools and platforms for delivering the curriculum.
- Review and refine the curriculum based on feedback from stakeholders and pilot testing.

## **Deliverables:**

The consultant is expected to deliver the following:

- Curriculum framework outlining the scope, objectives, and structure of the program.
- Detailed lesson plans for each module, including learning objectives, activities, and assessments.
- Learning materials such as presentations, handouts, and multimedia resources.
- Case studies and project assignments demonstrating real-world applications of AI and prompt engineering.
- Evaluation criteria and assessment tools to measure participant learning and program effectiveness.

## **Consultancy Qualification & Skills Requirements:**

- Bachelor's degree in a technology related field. (such as a degree in computer science, data science, or a related field. Prior experience in designing and implementing AI curriculum is highly desirable)
- Expertise in AI: The consultant should have a strong background in artificial intelligence, including experience in developing AI models, algorithms, and applications.
- Curriculum Development Skills: The consultant should possess strong curriculum development skills, including the ability to create engaging learning materials, assessments, and activities that align with educational objectives.
- Understanding of Learner Needs: The consultant should demonstrate an understanding of the target audience for the AI curriculum, whether it's students, professionals, or other learners, and tailor the content accordingly.
- Evaluation and Assessment: Ability to design effective assessment methods to evaluate learner progress and outcomes. This includes designing quizzes, exams, projects, and other assessment tools to measure proficiency in AI concepts and skills.
- Awareness of Industry Trends: Stay updated on the latest trends, advancements, and best practices in AI education and technology to ensure the curriculum remains relevant and up-to-date.

## **Timeframe:**

The estimated timeline for this consultancy is 1 month, including the delivery of the final curriculum materials.

## **Application details:**

DOT Lebanon is a non-profit NGO that recognizes that change is driven by involving the best people.

Interested applicants for this position must share their financial proposal in a PDF form in

addition to their resume (supporting documents showcasing their qualification and skills set is a plus), via email to the following address [procurementlb@dotrust.org](mailto:procurementlb@dotrust.org) – mentioning in the subject of the email the following “**Consultant for AI curriculum development**”.

**Hiring date: April 19<sup>th</sup>, 2024**

**Deadline for Submission: April 8<sup>th</sup>, 2024.**