CHALLENGING BIAS IN BIG DATA USER FOR AI AND MACHINE LEARNING

Press Release II

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CHALLENGING BIAS IN BIG DATA FOR AI AND MACHINE LEARNING:

EMPOWERING ETHICAL AI: CHARLIE PROJECT SUCCESSFULLY COMPLETES GROUNDBREAKING RESULTS

The CHARLIE project, a pioneering effort to address algorithmic bias in AI and machine learning education, has successfully concluded its mission, leaving a lasting impact on how bias in big data is tackled across Europe. Funded through the Erasmus+ programme, the project has delivered innovative educational tools that promote fairness, transparency, and ethical AI development.

Coordinated by **Universitat de les Illes Balears** (Spain) and supported by Servicio Español para la Internacionalización de la Educación (**SEPIE**), the CHARLIE project brought together an international consortium of partners, including **Helixconnect Europe** (Romania), **ISQ e-learning** (Portugal), **Innovation Training Center** (Spain), **Aarhus Universitet** (Denmark), and **Oy Vaasan Ammattikorkeakoulu** (Finland). Together, these organisations developed resources that empower educators, students, and professionals to recognize and mitigate bias in AI systems.

Key Achievements of the CHARLIE Project:

1. **Algorithmic Bias Course (EQF6)**: A comprehensive course for higher education students, equipping them with the skills to identify and address bias in AI and machine learning systems.
2. **Ethical AI Micro-Credential (EQF4)**: An innovative learning path for adults engaged in lifelong learning, promoting ethical thinking and practical approaches to addressing AI bias.
3. **Serious Game – "Unraveling Algorithmic Bias" (EQF2)**: An engaging online game designed to introduce young learners to the concepts of algorithmic bias, fostering critical thinking and ethical awareness.
4. **Educator Toolkits and Implementation Guidelines**: Developed to assist educators in delivering the new curricula, and supporting administrative staff with Learning Management Systems integration.
5. **Webinars and Interdisciplinary Collaboration**: A series of informative webinars that promoted peer learning and cross-disciplinary dialogue around ethical AI development.

Impact and Future Outlook

The CHARLIE project has made significant strides in promoting a more inclusive and ethically conscious AI landscape by introducing structured educational tools at multiple levels of learning. These resources not only address the technical aspects of AI but also emphasize the importance of fairness, accountability, and transparency in technology.

For more information and updates on the CHARLIE project, please visit **www.charlie-project.uib.es**