# Muhammad Mohsin
# Virtual Mines: A sustainable solution for electronic industry
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In the circular economy, the "virtual mines" concept refers to production cycles where interesting raw materials are reclaimed in an efficient and cost-effective manner from end-of-life items. In particular, the growth of e-waste, due to the increasingly shorter life cycle of hi-tech goods, is a global problem. Therefore, AI- based sustainable solutions can be a way forward to control the e-waste hazards. Today's talk, I will discuss virtual mines, critical raw materials, the problem involving recycling of e-waste and the possible AI solution.



## BIO

Muhammad Mohsin is a second year PhD student in Computer Science at University of Genoa under the supervision of Francesco Masulli and Stefano Rovetta. He received his master's degree at National University of Science and Technology (NUST), Islamabad Pakistan in Computer Engineering. Currently, he is working on an AI-based solution for disassembly of waste of electrical and electronic equipment.