202\_32 HSV World Peace Solutions

1 Watch the video from BBC Future. Do not take any notes.

2 Discuss the final question *“Can AI help to make the world a more peaceful place?* with your partner.

3 Before watching the video again, complete the following sentences.

4 Finalize your answers after the second viewing.

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| **1** | Weisi Guo’s **field of research** focuses on ...  *conflict prediction by machine learning (combined with traditional modeling)* |
| **2** | The **idea behind conflict prediction** is...  *to inform the people that can take action (UN peace keeping force)* |
| **3** | As regards **conflicts**, it is important to know...  *its size, where it will take place, how soon it will take place, who are the stakeholders.* |
| **4** | Among the many **dimensions or layers of a conflict**, there are different strands of knowledge, e.g. ...  *geography, economic, political and social factors*. |
| **5** | Generally, **changes in one of the layers** will...   * *influence each other (“cascade” through the layers)* * *affect the risk of increased or decreased conflict somewhere else.* |
| **6** | While **current predictions** ......  *deal with isolated countries,*  **this research** is different because it looks at ....  *a networks of countries and interaction.* |
| **7** | Guo mentions the **example** of  t*he border between Burma and Bangladesh (refugees, migration)*  in order to show ...  *how conflicts can be predicted at times when there is no conflict at all.* |

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| **8** | **Ten years ago** this kind of prediction was not possible  *because there was no data available (nor computational power)* |
| **9** | **Human forecasting** is „really bad“ because  *is biased (while machine learning is not).* |
| **10** | Among the **new challenges** there are three,  first of all, **climate change**, which  *affects resources and migration patterns,*  secondly, **human migration**, which is mainly caused by  *refugee crisis, existing conflict, climate change, economic disparities*  and lastly**, new technologies**, are udsed to ...  *(cyber attacks and interventions that bypass national boundaries)*  *to influence opinion or to exasperate existing tensions within communities*. |
|  | ***So, “Can AI help to make the world a more peaceful place?*** |

<http://www.bbc.com/future/story/20190219-how-artificial-intelligence-could-unlock-world-peace>

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