BEYOND REALTIME
Predicting risks from social media

Thomas Moser

Prewave is supported by
Prewave’s global supply chain intelligence is powered by our technology analyzing social & news media in 50+ languages...

Social Media, News, Blogs

Prewave AI

Supply Chain & Sustainability Risks

7 years Research & Development

Global & Multilingual
+50 languages

NLP

ML

Graph Search
<table>
<thead>
<tr>
<th>Problems</th>
<th>Technologies</th>
<th>Challenges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Extractions</td>
<td>Multilingual Transformers (BERT)</td>
<td>Unstable quality for different languages</td>
</tr>
<tr>
<td>Semantic Date Extraction</td>
<td>Question Answering Models</td>
<td>– No universal system</td>
</tr>
<tr>
<td>Summarization</td>
<td>Word Embeddings</td>
<td>– Unclean text in social media</td>
</tr>
<tr>
<td>Translations</td>
<td>Feedback Loops</td>
<td>– Especially when text is limited</td>
</tr>
<tr>
<td>Verification</td>
<td></td>
<td>– Performance</td>
</tr>
</tbody>
</table>
Importance of the ELG for Prewave

- European languages are highly important for Prewave
  - Based in Austria
- Company Goal: Making the supply chain transparent
  - Overcoming the language barrier
- Our Language Technology depends on resources of others
  - More exchange in the LT community
- Supplying resources to others