# Assignment 04: SORA Research Summary

SORA is an advanced text-to-video AI model developed by OpenAI. It generates realistic, high-quality videos from text descriptions, understanding motion, physics, and 3D perspectives. This summary includes a brief comparison with other AI models and highlights ethical considerations.

## Comparison of SORA with Other Models

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| Feature | SORA | DALL·E | Pika Labs / RunwayML |
| Output Type | Video | Image | Video |
| Motion Understanding | Advanced | None | Basic/Moderate |
| Realism | High | High (static) | Varies |
| Prompt Sensitivity | High | Moderate | High |
| Use Cases | Film, Ads, Education, Gaming | Art, Design | Marketing, Content Creation |

## Ethical Considerations

SORA's powerful capabilities come with ethical challenges, including:  
- Risk of misuse for deepfakes or misinformation.  
- Copyright and consent concerns when generating real people or media.  
- Potential biases in training data affecting fairness.  
- Responsibility of prompt engineering to avoid harmful outputs.