AI in the Spatial Industry
Existing AI Experiment Opportunities Perceived Threats
Existing AI

Experiment

Perceived Threats

Schema Mapping e.g. NUAR

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Pipe Leakage Prediction

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Schema Mapping e.g. NUAR
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Pipe Leakage Prediction

Schema Mapping e.g. NUAR

Polygon Classification

Sewer Inference

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Existing AI Experiment Opportunities

Perceived Threats

Pipe Leakage Prediction

Schema Mapping

Polygon Classification

Vectors from Imagery

AI Data Capture replaces NMA

Perceived Threats

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AI Data Capture replaces NMA

AI Process avoids the need for data

Experiment

Perceived Threats

Pipe Leakage Prediction

Schema Mapping e.g. NUAR

Sewer Inference Polygon Classification Vectors from Imagery

AI Data

Capture replaces NMA
Existing AI Experiment Opportunities

Pipe Leakage Prediction Schema e.g. NUAR

Sewer Inference

More Generative Inference

Opportunities

Vectors from Imager Imagery AI Data

Capture replaces NMA AI Process avoids the need for data

More Generative Inference
Existing AI Experiment Opportunities

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Sewer Inference

More Generative Inference

Spatial Decision Support

Opportunities

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AI Process avoids the need for data
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More Generative Inference Spatial Decision Support Code and Doc Writing Support

Spatial Decision Support
Existing AI Experiment Opportunities

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Sewer Inference

More Generative Inference

Spatial Decision Support

Code and Doc Writing Support

Check and clean AI output data

Check and clean AI input data for bias

Vectors from Imagery

AI Data Capture replaces NMA

AI Process avoids the need for data

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AI

Existing
- Schema Mapping e.g. NUAR
- Sewer Inference
- Pipe Leakage Prediction

Opportunities
- Polygon Classification
- Vectors from Imagery
- More Generative Inference
- Spatial Decision Support
- Code and Doc Writing Support
- Check and clean AI output data
- Check and clean AI input data for bias

Perceived Threats
- AI Data Capture replaces NMA
- AI Process avoids the need for data

Experiment

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