

Image to text

Suraj Kiran S
Nakul A
Shinoj
Umesh U

Literature
survey

Block
diagram

Algorithms
Canny
Transform
Skeletonization
Machine
Learning

Execution

Initial setup
Tools
Dataset

Image to text

Suraj Kiran S
Nakul A
Shinoj
Umesh U

Government Engineering College,
Sreekrishnapuram

Image to text

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Literature survey

Block diagram

Algorithms

- Canny
- Transform
- Skeletonization
- Machine
- Learning

Execution

Initial setup
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Dataset

① Literature survey

② Block diagram

③ Algorithms

Canny Transform

Skeletonization

Machine Learning

④ Execution

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Literature survey

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Block diagram

Image to text

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Literature survey

Block diagram

Algorithms

Canny Transform
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Machine Learning

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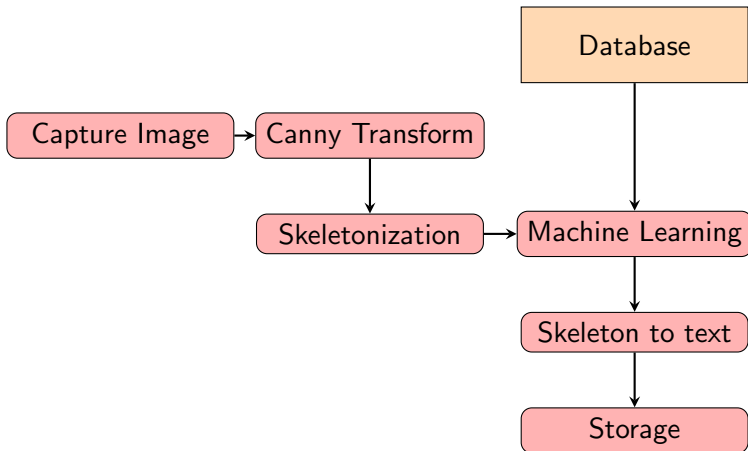


Image to text

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Block diagram

Algorithms

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Initial setup
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Algorithms

Canny Transform/Edge Detection

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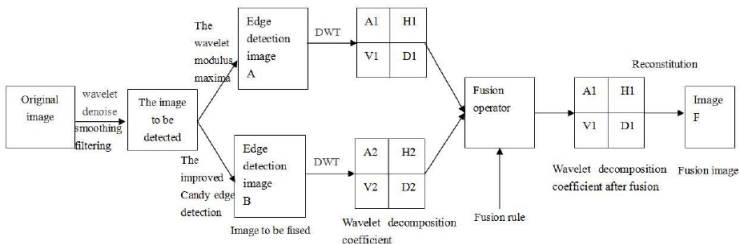


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Literature
survey

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**Machine
Learning**

Execution
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Dataset

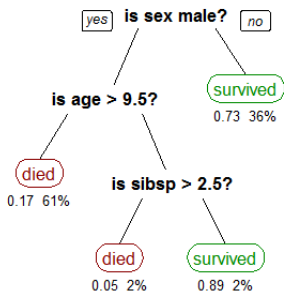
- First item

- Second item

- Third item

• Decision tree learning

- Uses a decision tree as a predictive model.
- Predictive modeling uses statistics to predict outcomes.





Implementation

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Intitial setup

Tools
Dataset

- Install Android Studio
- Install Anaconda library
- Create new project Android studio
- Download and import OpenCV library to Android studio project

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Initial setup
Tools
Dataset

- Android Studio
- Anaconda
- OpenCV

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Initial setup
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- Skeleton of letters in the alphabet
- One to one mapping of skeleton