**Various Sequence to Sequence Architectures**

**1/ Basic Model:**

Diagram

Description automatically generated with medium confidence

Shape

Description automatically generated with low confidence

**2/ Picking Most Likely Sentence:**

Diagram

Description automatically generatedText, letter

Description automatically generatedDiagram, schematic, box and whisker chart

Description automatically generated

**3/ Beam Search:**

Diagram

Description automatically generated

Diagram, schematic

Description automatically generated

Diagram, text, letter

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

**4/ Error Analysis on Beam Search – to find beam seach or RNN architecture problem:**

Graphical user interface, application

Description automatically generated

Graphical user interface, text

Description automatically generatedA picture containing table

Description automatically generated

**5/ BLEU Scoring – Evaluate Machine Translation Accuracy:**

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generated with medium confidenceGraphical user interface

Description automatically generated with low confidenceGraphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**6/ Attention Model:**

Diagram, engineering drawing

Description automatically generatedDiagram

Description automatically generated

Diagram

Description automatically generated

**7/ Speech Recognition:**

A picture containing graphical user interface

Description automatically generatedDiagram, engineering drawing

Description automatically generatedDiagram

Description automatically generated with medium confidence

Chart, box and whisker chart

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated