

Future Trajectories

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graph TD; HTF[Historical Trajectory Features] --> RNN1((RNN Cell)); HTF --> RNN2((RNN Cell)); HTF --> RNN3((RNN Cell)); RNN1 --> RNN2; RNN2 --> Dots[...]; Dots --> RNN3; RNN1 --> FT[Future Trajectories]; RNN2 --> FT; RNN3 --> FT;
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The diagram illustrates a recurrent neural network (RNN) architecture for trajectory prediction. It features a central horizontal sequence of RNN cells. At the top, a light red rounded rectangle labeled 'Future Trajectories' receives input from each RNN cell via upward-pointing arrows. At the bottom, a light blue rounded rectangle labeled 'Historical Trajectory Features' provides input to each RNN cell via upward-pointing arrows. The RNN cells are represented by yellow circles with blue outlines, labeled 'RNN Cell'. They are connected sequentially by horizontal arrows, with an ellipsis (...) indicating a continuation of the sequence between the second and third cells.

**RNN
Cell**

**RNN
Cell**

...

**RNN
Cell**

Historical Trajectory Features