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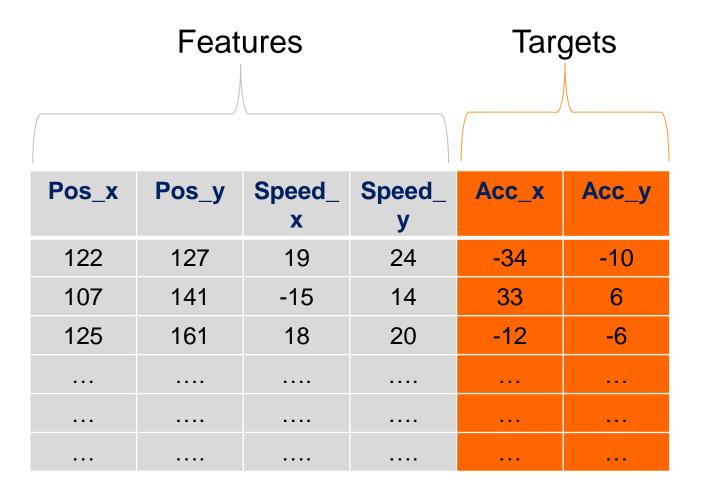


Aufgabe

- I. Trajectory-Daten durch Simulation zu erzeugen
- II. Einen Algorithmus zu entwickeln, um diese Daten zu trainieren
- III. Testergebnis zu visualisieren



Trajectory-Daten durch Simulation erzeugen





Training durch Regression Tree

Acc_x

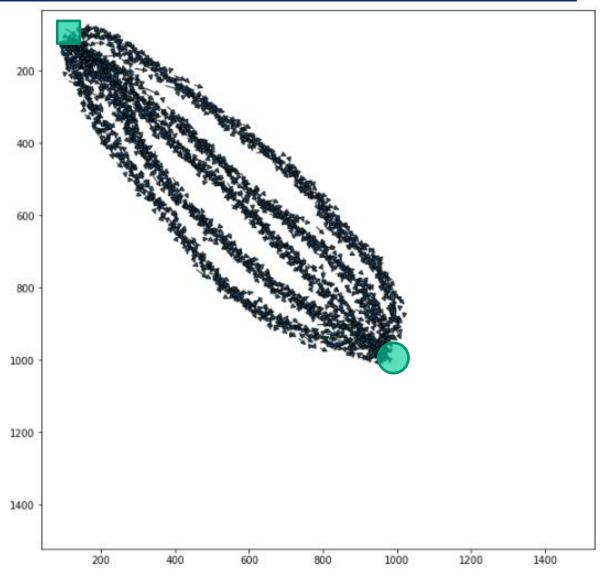
Corr.Coef: 0.88

Squared error: 320414

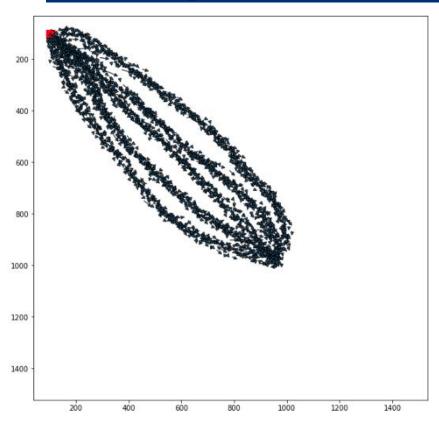
Acc_y

Corr.Coef: 0.88

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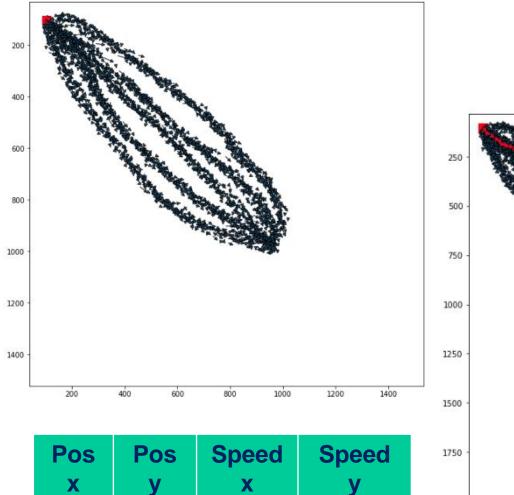




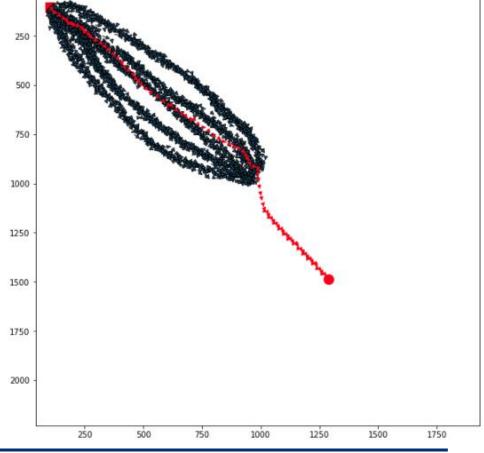


Pos	Pos	Speed	Speed
X	у	X	у
102	103	0	0

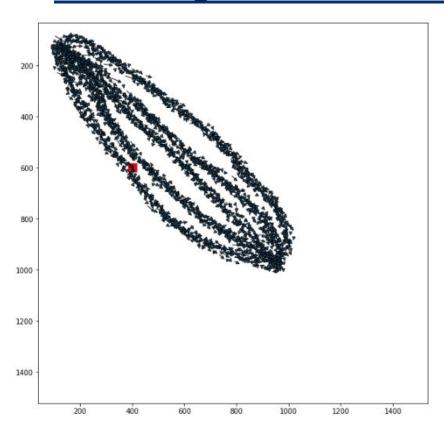




Pos	Pos	Speed x	Speed
X	y		y
102	103	0	0

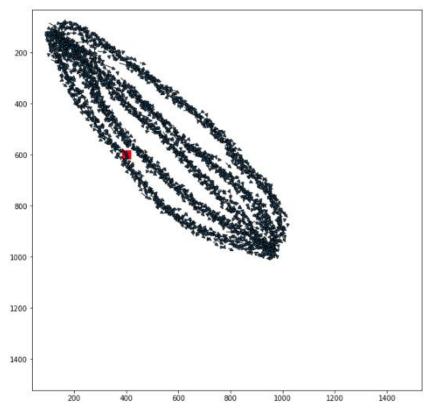




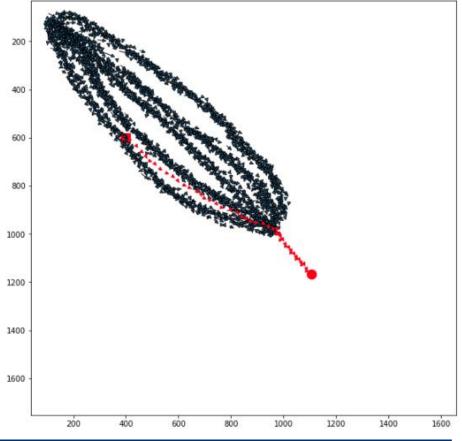


Pos	Pos	Speed	Speed
X	У	X	У
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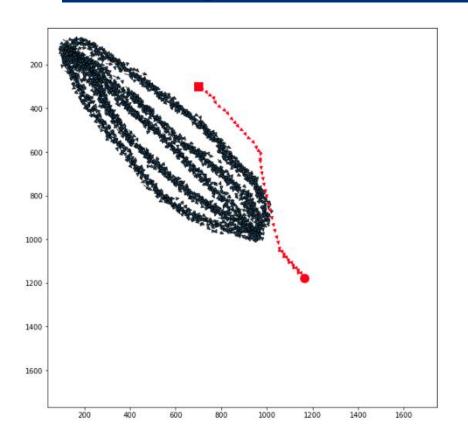


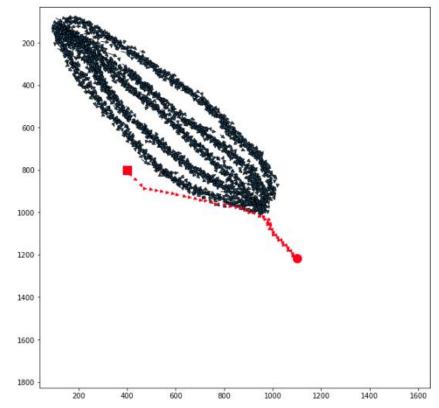


Pos	Pos	Speed x	Speed
X	y		y
400	600	0	0





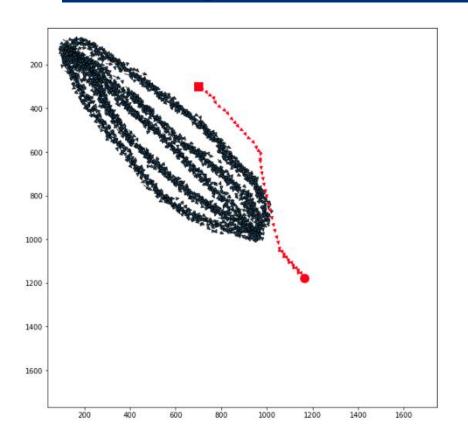


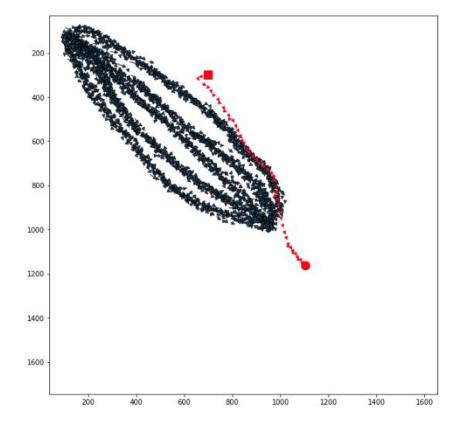


Pos	Pos	Speed	Speed
X	У	X	У
900	200	0	0

Pos	Pos	Speed	Speed
X	у	X	у
400	800	0	0







Pos	Pos	Speed	Speed
X	у	X	у
900	200	0	0

Pos	Pos	Speed	Speed
X	У	X	У
900	200	-100	-50

