## HW3 - DAMI - Diabetes Classification

This app predicts whether or not a patient has diabetes, based on diagnostic measurements.

More information about dataset: <a href="https://www.kaggle.com/uciml/pima-indians-diabetes-database/data">https://www.kaggle.com/uciml/pima-indians-diabetes-database/data</a>

## Classification with Trained Model

	Pregnancies (#):	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	7
	Glucose (GTT):	3023689246555468686639774885868999680039033240802388323688248553568865877488388999880	120
	Diastolic Blood Pressure (mm Hg):	44/20466745072345U585003094U3247627888383838383032983U30000000000001754567189277999728832288873041000000000000	95
	Triceps Skin Thickness (mm):	0123456789 <b>01234567898222858289333856390448446448555856569</b> 09896698881727456789988868999999999990	60
	Serum Insulin (uU/mL):	COMPARE MALLER MASSES SEARCE OF THE MASSES SEARCE O	110
	BMI (kg/m <sup>2</sup> ):	101912/1915/1915/1915/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	32
	Diabetes Pedigree Function:	0 (BD 1502363364555566807768856999 (B21 15023635644555666607758856999 (B21 120232832244555285237728922999	1.8
	Age (years):	00000000000000000000000000000000000000	68
Tric	eps Skin Thickness (mm):	0123456783 <b>01234567830222356228333385839043344648485555955590</b> 0160956680WTZZAR678908389588899959999990	60
Ser	um Insulin (uU/mL):	Qeorumina managaman (Control of Control of C	110
BN	l (kg/m <sup>2</sup> ):	1019 121519151617181520272727475762730313233333333333333334424394454845484548552339533333333333333333333333333333333	32
Dia	betes Pedigree Function:	0 (BR 152/35/35/4/35/35/6/37 / ISB/359/31 (61 152/256/35/4/55/556/66/7/58/559/32 (12/1/25/258/35/4/45/55/6/57/758/559/32	1.8
Age	(years):	00000000000000000000000000000000000000	68

## The predicted class of the input data is: [1:WITH DIABETES]

EXECUTE CLASSIFICATION

Possible classes: [0:NO DIABETES], [1:WITH DIABETES]

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## **Dataset Visualization**

The next plots show some characteristics of the original dataset. Note that the values from the SAMPLE that was input above will be highlighted in the plot according to the selected variables.

