

Simulate the career of students attending Politecnico

Questions	Stochastic elements	Input parameters	Output metrics	Analysis
<div>What is the graduation mark</div> <div>👍 1 👎 0</div>	<div>number of subjects to be cleared</div> <div>👍 0 👎 0</div>	<div>total number of courses (of the degree)</div> <div>👍 1 👎 0</div>	<div>average graduation time</div> <div>👍 0 👎 0</div>	<div>graduation time vs probability of failure</div> <div>👍 0 👎 0</div>
<div>Years to graduate</div> <div>👍 0 👎 0</div>	<div>preparation for an exam</div> <div>👍 1 👎 0</div>	<div>Grade distribution from past</div> <div>👍 0 👎 0</div>	<div>average graduation grade</div> <div>👍 0 👎 0</div>	<div>The average delay of declining a grade on the graduation time</div> <div>👍 0 👎 0</div>
<div>Evaluate the graduation time and the final grade for the laurea for a MSc course</div> <div>👍 3 👎 0</div>	<div>number of exams taken for each session</div> <div>👍 2 👎 0</div>	<div>Number of sessions per year</div> <div>👍 0 👎 0</div>	<div>Graduation grade distribution</div> <div>👍 1 👎 0</div>	<div>Relation between the graduation time and the final GPA.</div> <div>👍 0 👎 0</div>
<div>What is the average time to complete the degree?</div> <div>👍 15 👎 0</div>	<div>accept/no accept of an exam based on the proposed grade</div> <div>👍 1 👎 0</div>	<div>probability of passing the exam</div> <div>👍 1 👎 0</div>	<div>average number of attempts taken to graduate</div> <div>👍 0 👎 0</div>	
<div>What factors influence the graduation time of the students</div> <div>👍 17 👎 0</div>	<div>pass/no pass according to a Bernoulli experiment</div> <div>👍 2 👎 0</div>	<div>probability of accepting a grade</div> <div>👍 0 👎 0</div>	<div>grade according to the time of graduation</div> <div>👍 0 👎 0</div>	
<div>how many students will pass the exam depending of their % of assistance?</div> <div>👍 2 👎 0</div>	<div>grade distribution</div> <div>👍 2 👎 0</div>	<div>maximum and minimum number of exams taken for each session</div> <div>👍 0 👎 0</div>	<div>Graduation time distribution</div> <div>👍 1 👎 0</div>	
<div>What are the factors that contribute to a faster academic progress at Polito?</div> <div>👍 6 👎 0</div>	<div>statistics of passing an exam, taken from the course website</div> <div>👍 12 👎 0</div>	<div>Create a input for each course and the probability of passing and accepting the score by the students</div> <div>👍 0 👎 0</div>	<div>Statistics regarding pass/no pass and grade distribution for each course</div> <div>👍 1 👎 0</div>	
<div>Depending on the type of enrollment (part time/ full time) and the type of degree (think of 5 categories) what is the average number of years to graduate in a masters degree?</div> <div>👍 12 👎 0</div>	<div>Financial ability of the student</div> <div>👍 6 👎 0</div>	<div>total number of students</div> <div>👍 1 👎 0</div>		
<div>What is the comparison of time and mark among different degrees?</div> <div>👍 3 👎 0</div>	<div>Extracurricular Activities</div> <div>👍 5 👎 0</div>	<div>Historical data</div> <div>👍 0 👎 0</div>		
<div>What is the comparison of time and mark among different degrees?</div> <div>👍 1 👎 0</div>	<div>The randomness in passing an exam when the student is not prepared and viceversa, not passing an exam when the student is prepared.</div> <div>👍 2 👎 0</div>	<div>Accuracy on the average estimators</div> <div>👍 0 👎 0</div>		
<div>Which are the subjects that slow more the academic achievements of a student in a particular degree?</div> <div>👍 6 👎 0</div>	<div>Votes distribution for the subjects</div> <div>👍 0 👎 0</div>	<div>average number of exams to be taken during each session</div> <div>👍 1 👎 0</div>		
<div>How many students were not able to get the degree?</div> <div>👍 2 👎 0</div>	<div>1. Type of degree 2. The ability of the student (proxy for it maybe the grades?) 3. Financial/ economic background (proxy for it maybe I see?) 4. years spent on the previous degree (given this is a master's let's say).</div> <div>👍 10 👎 0</div>	<div>seed</div> <div>👍 0 👎 0</div>		
<div>What factors impact the success in academics?</div> <div>👍 1 👎 0</div>	<div>How much are exams hard to pass</div> <div>👍 4 👎 0</div>			
<div>How long does it take for a student to graduate?</div> <div>👍 1 👎 0</div>	<div>student characteristics</div> <div>👍 1 👎 0</div>			
<div>How does the course statistics influence student's performance?</div> <div>👍 7 👎 2</div>	<div>students' demographics</div> <div>👍 6 👎 0</div>			
<div>How do various academic activities influence the students career</div> <div>👍 2 👎 0</div>	<div>social and economic factors</div> <div>👍 4 👎 0</div>			
<div>what is the probability of dropping out</div> <div>👍 4 👎 0</div>	<div>The probability of success per exam</div> <div>👍 3 👎 0</div>			
<div>What is the average grade for each student, and on average how many tries it takes them to pass each exam?</div> <div>👍 1 👎 0</div>	<div>programs level of difficulty</div> <div>👍 3 👎 0</div>			
<div>Does the economical situation contribute to the student's performance?</div> <div>👍 0 👎 0</div>	<div>Number of calls attended</div> <div>👍 0 👎 0</div>			