

**ARTIFICIAL INTELLIGENCE PROJECT**

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**ROLL NO : 52**

**TOPIC : ANALYZING THE STUDENT VARIOUS DATA THIS SOFTWARE WOULD BE ABLE TO RECOMMEND THE STUDENT SERIOUSNESS ABOUT THE STUDIES.**

**INFORMATION ABOUT THE PROJECT**

**THIS PROJECT IS ALL ABOUT CHECKING THE SERIOUSNESS OF THE STUDENT TOWARD THE STUDENT .THIS IS THE PROGRAM IN PYTHON WHICH IS USED TO PREDICT WHETHER THE STUDENT IS GOING TO PERFORM WELL IN THE EXAMS OR NOT . LOOKING AT SEVERAL ASPECTS LIKE PREVIOUS GRADES , STUDENT THOUGHT ON ROMANCE THIS CODE WILL PREDICT HOW WILL BE THE PERFORMANCE OF THE STUDENT . BASICALLY IT IS A RECOMMENDER SYSTEM WHICH WILL DEPICT THE FUTURE RESULTS BY LOOKING AT DIFFERENT SCENERIOS .**

**EVERYTHING HAS ITS ADVANTAGES AND DISADVANTAG THOUGH THE AI HAS DEVELOPED A LOT MORE IN THE PAST FEW DECADE BUT STILL IT IS NOT EFFICIENT TO GET THE EXACT RESULTS, BECAUSE NO ONE CAN PREDICT WHAT IS GOING INSIDE A HUMAN BRAIN. BUT THIS CODE WILL GIVE THE CLOSEST RESULT BY CHECKING DIFFERENT CONDITIONS.**

**METHODOLOGY**

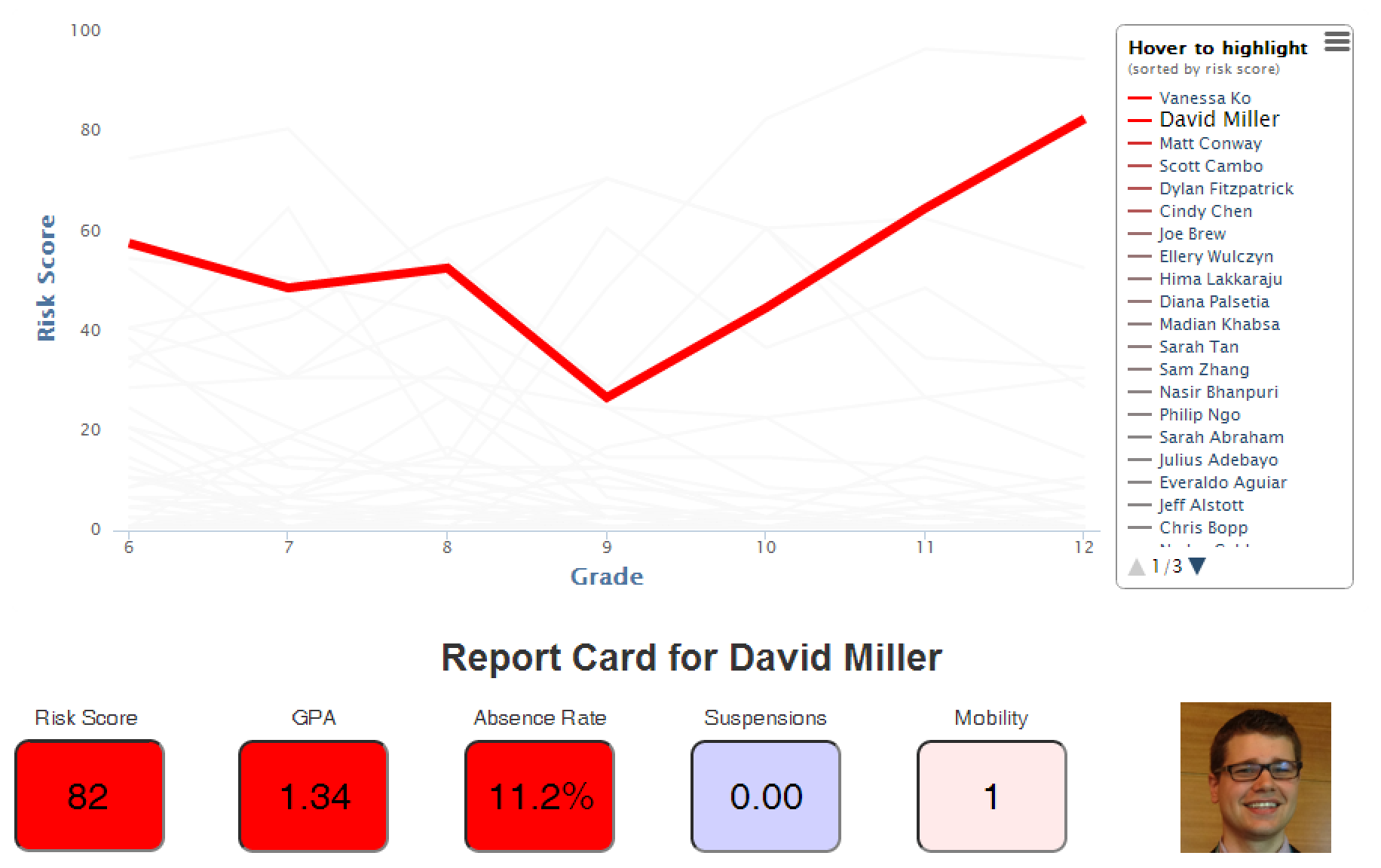
**IN THIS PROGRAM WE HAVE DEFINED THREE THINGS G1, G2 AND G3 . RATHER THAN TAKING THE INPUT FROM THE USER WE ARE USING THE FILE WITH EXTENSION .CSV THROUGH FILE HANDLING TO GET THE DATA. IN CSV FILE WE WILL PROVIDE G1 AND G2 AND AFTER THAT G3 WILL BE CALCULATED WHICH IS OUR RESULT.**

**WE CAN ENTER THE DATA OF THE STUDENT IN THE CSV FILE AND AFTER THAT WE CAN RUN THE PROGRAM TO GET THE RESULT .**

**WE HAVE DEFINED DIFFERENT ASPECTS LIKE FAMILY SIZE , FAMILY ATTENDANCE , FAMILY INCOME , FOR HOW MUCH TIME THE STUDENT GO OUT, WHETHER THE STUDENT HAVE INTERNET FACILITY AND THE PREVIOUS GRADES OF THE STUDENT IN ORDER TO DEPICT THE FINAL RESULT OF THE STUDENT.**

**ALSO WE CAN APPLY THE MATPLOT LIBRARY IN ORDER TO PLOT THE GRAPH OF THE STUDENT DATA IN ORDER TO ACHIEVE THE PICTORIAL REPRESENTATION OF THE DATA WHICH WILL BE MORE UNDERSTABLE AND MAKE THE THINGS TO UNDERSTAND WITH LESS COMPLEXITY .**

**THE GRAPH CAN BE LOOKED AS:**

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**GITHUB LINK:** <https://github.com/shashank278/AI>