

CMPICA- BCA SEM-V CA325: Foundation of Data Science

LAB Assignment-2

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| 1 | Create a vector with 10 values using numpy package. |
| 2 | Create a vertical vector. |
| 3 | Create a matrix using user inputs. |
| 4 | Perform addition of two vectors. |
| 5 | Perform subtraction of two vectors |
| 6 | Perform multiplication of two vectors |
| 7 | Perform division of two vectors |
| 8 | Create a Vector from user and Perform dot product of two vectors |
| 9 | Perform Matrix Addition, Subtraction and Division. |
| 10 | Perform Matrix Multiplication. |
| 11 | Perform Matrix Transpose. |
| 12 | Perform Inverse of 2 * 2 Matrix. |