
```

% Histogram of motif frequencies
motifs = [2 5 2 3 5 2 5 3 2]
histogram(motifs);
title ('Motif Frequency ');
xlabel ('Motif Number');
ylabel ('Count');

% Line plot of motif sequence
plot(motifs, '-o'); %'-o' = line with circle at each point
title('Motif Sequence Over Time');
xlabel('Time Step'); % when the motif occurred
ylabel('Motif Code'); % which motif was performed

```

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% Import data from a CSV file into a table
readtable('motif_data.csv - Sheet1.csv')

```

```

% Display the first few rows of the table

```

```

motifs =

```

```

     2     5     2     3     5     2     5     3     2

```

```

ans =

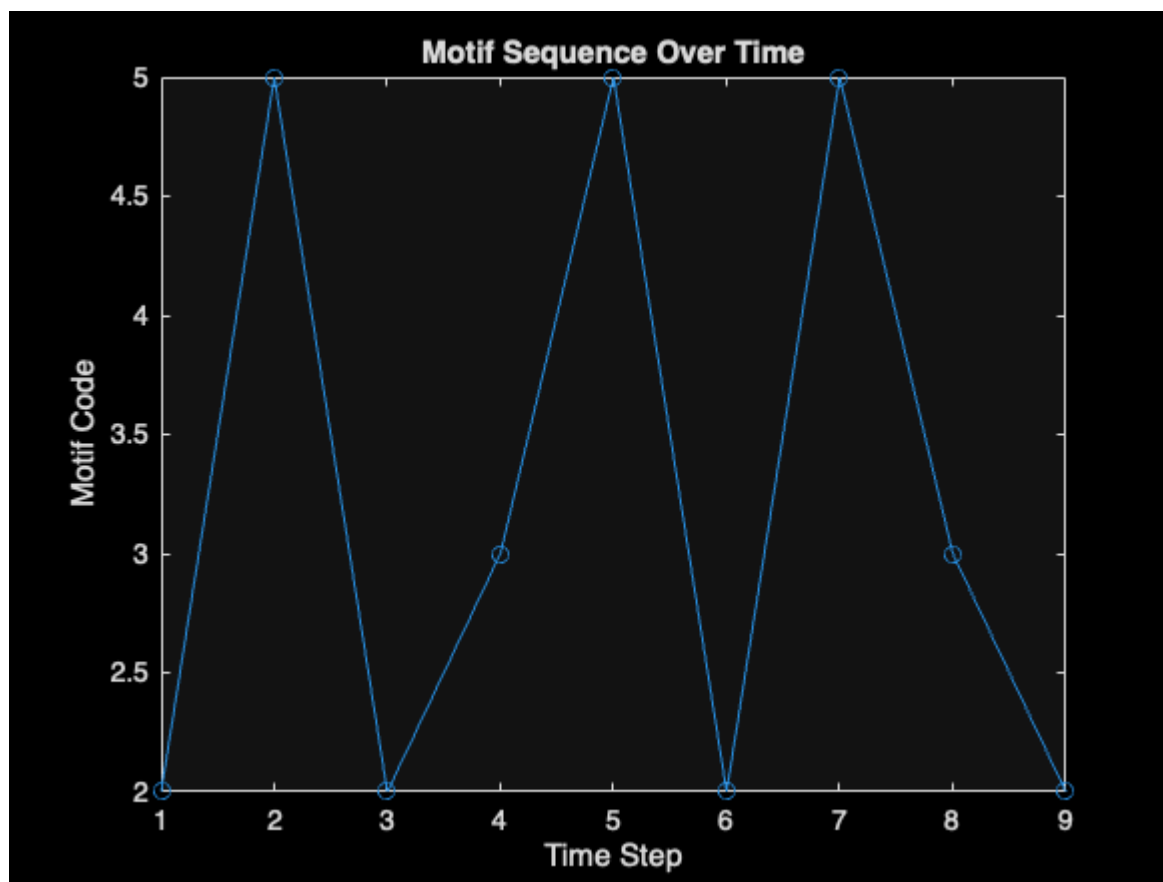
```

```

3×4 table

```

<i>Timestamp</i> <i>Performer</i>	<i>Motif</i>	<i>Duration</i>
_____	_____	_____
{ '2:43' }	{ 'A: body circle to hand to mouth' }	{ '16 seconds' }
{ 'Dancer 1' }		
{ '2:59' }	{ 'B: bouncing/jerking up and down' }	{ '3 seconds' }
{ 'Dancer 1' }		
{ '3:06' }	{ 'C: mouth open' }	{ '5 seconds' }
{ 'Dancer 1' }		



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