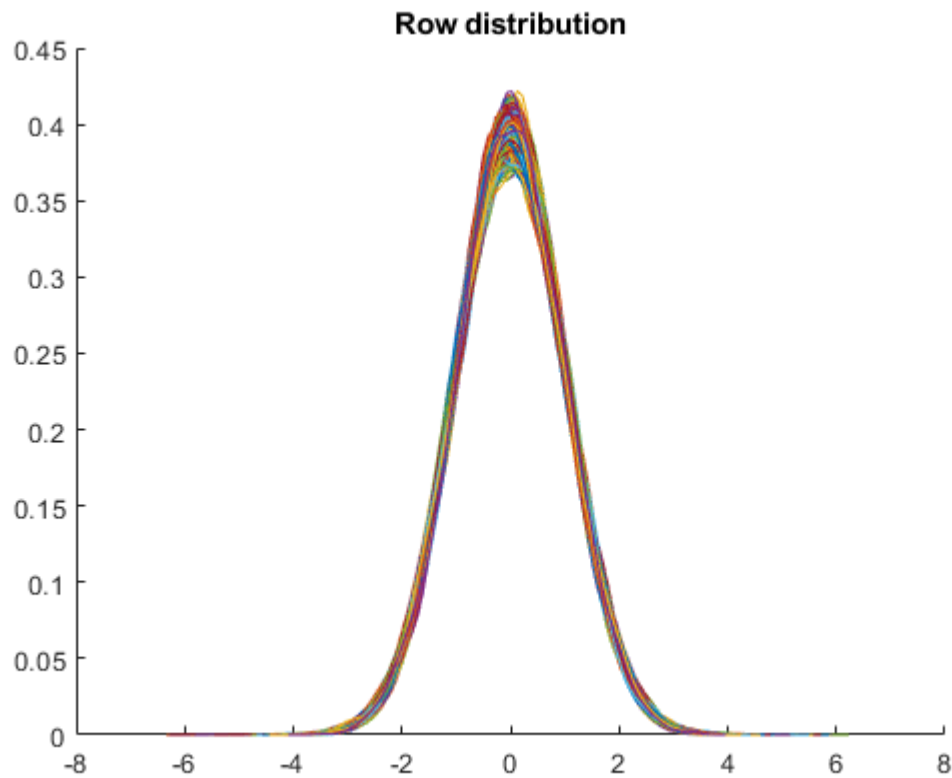# Home work 2 (15-Jan-2019)

```matlab
M = 10000;
N = 10000;
A = randn(M,N);
```

## Row Distribution

```matlab
figure;
hold on;
for i = 1:size(A,1)
    ksdensity(A(i,:));
end
hold off;
title('Row distribution');
```



## Column Distribution

```matlab
figure;
hold on;
for i = 1:size(A,2)
    ksdensity(A(:,i));
end
```

```
hold off;
title('Column distribution');
```

**Column distribution**