

```
# Import required modules
import numpy as np
import matplotlib.pyplot as plt

# 1D arrays
x = np.arange(-5, 5, 1)
y = np.arange(-5, 5, 1)
z = np.arange(-5, 5, 1)

# Meshgrid
X, Y, Z = np.meshgrid(x, y, z)

norm = np.sqrt(X**2+Y**2+Z**2)

vx = Y*Z/norm**2
vy = X/norm**2
vz = X*Y/norm**2

# Depict illustration
fig = plt.figure(figsize=(10, 10))
ax = fig.add_subplot(projection='3d')
ax.quiver(X, Y, Z, vx, vy, vz)
plt.show()
```