

Project Structure

```
video_analytics/  
├── config.py          # Configuration parameters  
├── utils/  
│   ├── __init__.py  
│   ├── detection.py   # Object detection functions  
│   ├── tracking.py    # Object tracking functions  
│   └── visualization.py # Visualization utilities  
├── analytics/  
│   ├── __init__.py  
│   ├── roi.py         # Region of Interest functions  
│   └── interactions.py # Interaction analytics  
├── main.py            # Main application entry point  
└── requirements.txt   # Project dependencies
```