Ideas for FYP

1. **Predictive Modeling**:
   * Develop a model to predict house prices based on features in the dataset. You could use regression models, tree-based models, or even neural networks to make these predictions.
   * Investigate which features are most important for predicting house prices.
   * Create a model to predict future trends in the housing market of Bishkek based on historical data.
2. **Market Analysis**:
   * Perform a comprehensive market analysis to identify trends over time in different districts or micro-districts.
   * Compare the price fluctuations with significant events or economic indicators.
   * Analyze the price per square meter across different building types and conditions.
3. **Geospatial Analysis**:
   * Integrate the dataset with a mapping tool to visualize the distribution and clustering of housing prices geographically.
   * Analyze the spatial patterns of housing prices and identify potential reasons for geographic disparities.
   * Study the impact of location within a district on the housing prices.
4. **Time Series Analysis**:
   * Examine how prices have changed over time and predict future price changes.
   * Analyze the cyclical behavior of housing sales and prices.
   * Investigate the seasonality of house prices and sales volume.
5. **Web Application Development**:
   * Develop an interactive web application that allows users to estimate the price of a house based on input features.
   * Create a dashboard that real estate investors could use to see current trends and statistics in the housing market.
6. **Text Mining and Sentiment Analysis**:
   * If detailed descriptions or reviews are available, perform sentiment analysis to see if there's a correlation between sentiment and price.
   * Use natural language processing to extract features from house descriptions and include these in your predictive models.