A structured **3-day AI course outline tailored for the real estate industry**, designed for professionals, analysts, and decision-makers looking to integrate AI into real estate operations, investment, and management.

Duration:

3 Days (6–7 hours per day, including practical sessions)

Day 1: Foundations of AI in Real Estate

Objective: Introduce AI concepts, data types, and their relevance in real estate.

Sessions:

1. **Introduction to AI & Real Estate Landscape**
   - Overview of AI and ML concepts
   - Current trends in AI adoption in real estate
   - Case studies of AI-driven real estate platforms
2. **Data in Real Estate**
   - Types of real estate data: property, market, demographic, spatial
   - Data sources: public records, IoT devices, satellite imagery, CRM systems
   - Data quality, privacy, and regulatory considerations
3. **AI Techniques for Real Estate**
   - Machine learning basics (regression, classification, clustering)
   - NLP for property descriptions, sentiment analysis
   - Computer vision for property images and satellite imagery
4. **Hands-on Workshop:**
   - Exploring real estate datasets
   - Visualizing property price trends using Python or Excel AI tools

Day 2: AI Use Cases in Real Estate

Objective: Dive into practical applications of AI in property management, investment, and valuation.

Sessions:

1. **Property Valuation & Price Prediction**
   - Using ML models for price estimation
   - Incorporating external factors (location, amenities, economic indicators)
   - Case study: Predicting property prices in urban areas
2. **Investment & Portfolio Optimization**
   - AI for identifying high-yield properties
   - Risk assessment models using historical and predictive data
3. **Smart Property Management**
   - Predictive maintenance using IoT and AI
   - Energy optimization in commercial and residential buildings
4. **AI in Customer Experience**
   - Chatbots for property inquiries
   - Recommendation engines for buyers/renters
5. **Hands-on Workshop:**
   - Build a simple property price prediction model
   - Analyze rental yield vs. property location using ML

Day 3: Advanced AI & Strategic Implementation

Objective: Focus on advanced AI techniques, integration, and real-world deployment strategies.

Sessions:

1. **Computer Vision & Spatial Analytics**
   - Analyzing satellite imagery for property insights
   - Identifying urban growth and investment hotspots
2. **Natural Language Processing Applications**
   - Automating property descriptions
   - Sentiment analysis of market reviews
3. **AI-Driven Market Insights & Forecasting**
   - Predicting market trends using AI
   - Demand-supply modeling for commercial and residential properties
4. **Integration & Deployment Strategies**
   - AI tools and platforms for real estate firms
   - Overcoming implementation challenges
   - Governance, ethics, and compliance
5. **Capstone Exercise:**
   - Participants create an AI-driven real estate analysis report
   - Present findings & recommendations
6. **Wrap-up & Next Steps**
   - Roadmap for implementing AI in real estate organizations
   - Recommended resources, tools, and further learning

Key Takeaways:

- Practical understanding of AI tools for real estate
- Hands-on experience with predictive models and data analysis
- Insights into AI strategy and deployment in property investment and management

Instructor: Mr Suresh Tripathi is a founder of Geosun Pty Ltd an Australian company registered in year 2000 to provide AI corporate training, data center solutions and data pipeline end-to-end cloud platform. He has nearly 25+ years of work experience in digital data analytics integrated with AI and tech platforms. His education qualifications include master degree in Statistics from India, master degree in Geostatistics from Australia and master degree in Geoscience from Australia. He completed his AI certificate courses from Stanford Business School from California and High Impact Leadership from Cambridge University, UK. He has worked in Australia and US focusing his career on data strategy, tech platforms, and developing in-house training. He has worked with range of industries in Australia and US that include Deloitte, Flybuys, Ambulance Victoria, CFA (Emergencies Services), Avexa, Covance, Avance Clinical (Pharmaceuticals), Intelligen, Commonwealth Bank, Hackett Group (US), Health and Safety Sphera Solutions(US), Vic Government (Environment, water and energy), Waste Management (US), Outfront Media (US), Adani Mining (Australia) and Fura Gems Industries (Dubai).

Fee: Rs 50,000 per participant plus GST payable to GeosunAI Tech Cloud Pvt Ltd. RTGS/Cheque/ PhonePe via below link form.

Bank: Punjab National Bank

Account Name: NB, GeosunAI Tech Cloud Pvt Ltd

Account No.: 1228102100001295