Computing & Business — 15 Final-Year Project Ideas

Eng: Abdelrahman Atif

No.	Project Idea	Description	Importance
1	AI-based Sales Forecasting System	Analyze historical sales to predict demand and optimize inventory.	Reduces waste and increases profit.
2	Dynamic Pricing System	Auto-adjust prices based on demand and competitors.	Maximizes revenue and competitiveness.
3	Financial Performance Dashboard	Dashboard showing KPIs and financial analytics.	Faster, data-driven managerial decisions.
4	Customer Behavior Analysis (Big Data)	Aggregate and mine customer data for patterns.	Improves marketing and retention strategies.
5	Product Recommendation System	Personalize product suggestions using collaborative/ content methods.	Increases conversion and average order value.
6	Intelligent HR Management System	Track attendance, skills, performance and suggest training.	Enhances workforce productivity and planning.
7	Financial Fraud Detection System	Detect anomalous transactions using ML.	Protects institutions and reduces losses.
8	Supply Chain Management App	Monitor shipments, inventory levels and lead times.	Lowers delays and optimizes logistics costs.
9	Customer Satisfaction Dashboard (NLP)	Analyze feedback text to extract sentiment and topics.	Identifies pain points and improves service.
10	Competitor Analysis Tool	Web-scrape prices, products and marketing signals.	Informs strategic pricing and positioning.
11	Smart Project Management App	Plan, assign and monitor project tasks and risks.	Reduces overruns and improves delivery rates.
12	Intelligent Recruitment Platform	Match CVs to job specs using ML ranking.	Speeds hiring and improves candidate fit.
13	Investment Risk Assessment System	Quantify risk scores for investment options.	Guides investors to informed choices.
14	Financial Process Automation (RPA)	Automate repetitive accounting tasks and reconciliation.	Cuts errors and administrative time.
15	Enhanced CRM with Predictive Analytics	Predict churn and lifetime value for customers.	Boosts retention and targeted campaigns.