

## Code groups with corresponding codes

Coding group	Code
<b>Advanced techniques and approaches</b>	Advanced modelling techniques Contextual fraud detection Detection vs prevention Large language models/transformer Model training and techniques Supervised and unsupervised learning
<b>Ai and rule-based approaches</b>	Ai and rule-based approaches Complex fraud detection Real-time fraud detection
<b>Balancing multiple objectives</b>	Accuracy Alert handling efficiency Automated alert closing Balancing multiple objectives Comprehensive goals Limitations of metrics Necessity for manual review Precision and false positive reduction Speed and efficiency
<b>Bias and ethics</b>	Bias and discrimination risk Bias mitigation Ethical considerations Human decision bias
<b>Customer involvement and business strategy adaptation</b>	Business strategy adaptation Cost-benefit Customer involvement Customer resistance Customer-centric development Resource constrains
<b>Data quality and integrity</b>	Comprehensive data Data integrity Data mining Data quality Data understanding Exploratory data analysis Feature extraction Labelling Limited data
<b>Explainability and transparency</b>	Explainability and user-friendly explanations Interactive explainability SHAP Transparency
<b>Learning and feedback integration</b>	Changing customer behavior Feedback integration Learning and iterative improvement Monitoring
<b>User interaction and support</b>	User decision support User-friendliness Visual data representation Speed and efficiency